Year 9 Curriculum Delivery Map

		Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Core Subjects	**English Language and Literature**	Modern Literature: Worlds and Lives: Exploring Language in texts		Exploring Non-fiction Texts Topic: Adventure Creative Writing/Speech Writing		Shakespeare GCSE Spoken Language Study	
	Mathematics	A selection of these topics will be covered throughout the year, as appropriate to the strength of prior learning and progress made, returning to them as necessary to build deeper understanding and use the applications. The topics from previous years will also be revisited, and some topics may be deferred until later to ensure depth of understanding of the pre-requisites. • Calculator skills will be covered in every topic in every year. The use of algebra to form the problem in a mathematical way, and the use of reverse problems to consider how the question can be solved will be introduced throughout the topics • Number: Standard form, estimation, bounds, using factors, multiples, reciprocals and powers, percentages • Algebra: Straight line graphs, expand and factorise expressions, harder graphs, function machines, rearranging formulae, solving equations • Ratio: Proportion, using timetables, best buys • Shape: Angles, parallel lines, compound shapes, prisms, area, perimeter, volume, introduction to vectors, transformations, Pythagoras' theorem • Statistics: Probability, cumulative frequency, box plots, frequency polygons, averages and range from a grouped table, diagrams					
	Science	Each topic has activities to prepare students with scientific skills needed for GCSE. For sets 1-3 the extra content found in the separate Sciences Scheme of Work is also taught. • CB1/SB1 Key Concepts in Biology • CC1/SC1 States of Matter • CC2/SC2 Methods of Separating and Purifying Substances • CP3/SP3 Conservation of Energy		The topics taught predominantly in the Spring term are:- • CC3/SC3 Atomic Structure • CB2/SB2 Cells and Control • CC4/SC4 The Periodic Table • CP1/SP1 Motion		The topics taught predominantly in the Summer term are:- • CC5/SC5 Ionic Bonding • CC6/SC6 Covalent Bonding • CC7/SC7 Types of Substance • CP2/SP2 Forces and Motion • CB3/SB3 Genetics • CP4 Waves Review and end of year assessment	
	Religious Studies Short Course	**Christian beliefs:** • The Nature of God • The Trinity • Different Christian beliefs about creation • Incarnation of Jesus • The death and resurrection of Jesus • Salvation and the after life		**Thematic Study:** Religion, peace and conflict: • Mainly Christian point of view with a comparison with Islam • Violent protests and terrorism • Reasons for war • Nuclear war and weapons of mass destruction • Just war • Holy war and religion as a cause for violence • Pacifism and peacemaking			
	Religious Studies ASDAN (Set 6/7)	**Beliefs, Values and Decision Making** • Personal qualities and strengths • Positive and negative peer pressure • Rules and laws (Ten Commandments) • Multiculturalism and diversity (preparing a meal)		**Crime and Punishment** • Why do we need laws (Lord of the Flies) • Poverty as a cause of crime, • The death penalty • Persecution and Anne Frank		**Beliefs and Practice** • Hajj and working together to make a board game	
	Physical Education	Students will experience a specific focus throughout their PE Lessons: Competition & Performance, Leadership, Fitness & Health across the following activity domains: Invasion Games, Net Games, Field & Striking and Athletics alongside knowledge and understanding of the importance of a healthy, active lifestyle. In addition to the CORE pathways, students are given the opportunity at the end of Year 8 to choose an additional block of PE Performance. Within the additional pathway, students compete and build upon their decision making and tactical awareness as well as applying skills to pressured and competitive scenarios.					
EBACC	**History**	• The Shoah - preventable tragedy? • Was the world a safer place after 1945? • Medicine in Britain 1250-1500		• Medicine in Britain 1500-1700 • Medicine in Britain 1700-1900		• Medicine on the Western Front • Medicine in Britain: 1900-present	
	Geography	**The Challenge of Natural Hazards** • Plate tectonics • Plate boundaries – location and processes • Case study HIC • Case study LIC • Weather hazards • Case study LIC • Global warming		**The Living World** • Ecosystem processes • Location • Biomes • Case study TRF • Case study Cold Environment			
	French	• Living a healthy, happy life • Technology		• Technology • The French-speaking world		• The French-speaking world	
	German	• Daily Life • Clothes and shopping		• Clothes and shopping • Technology		• Technology	
	Computer Science	• Understanding Binary Images, Sound and Colour • IDEA Awards • UK Bebras Computational Thinking Challenges 2025 - Intermediate		• Artificial Intelligence (AI) • Python Textual Programming • End of Topic Quiz		• 3D Image Editing in Photoshop • End of Topic Quiz	
Foundation Subjects	**Art**	**Contextual Awareness and 3-Dimensions Nathan Sawaya & The Art of the Brick** • 3D building • Art history and contextual analysis • Observational isometric drawing • Design		**Contextual Awareness: Public Art vs Vandalism: Graffiti as an art form and The Berlin Wall** • Historical and political context • Symbolism and meaning • Public Art • Nets, display and installation art		**Independent Project Assessment** • Introduction to Surrealism • Developing ideas • Designing personal and meaningful outcomes that explore symbolism	
	Drama	**Greek Chorus** • Using a stimulus to communicate a theme • Symbolic use of space • Subtext		**Blood Brothers** • Analysing a script • Character development • Exploring key themes - class		**Theatre Design** • Set • Costume • Lighting • Sound • Applying knowledge to support design ideas for a variety of plays	
	Music	**Music of the 20th Century** • Extending keyboard skills to use primary chords. • Listening to various styles of music from 1910 to 1990. • Working on ensemble skills maintaining a part in a group using keyboards, ukeleles, guitars and singing.		**Structure** • Developing understanding of how structure is used to organise music. • Identifying ground bass, key terms to describe melody (conjunct, major scale, repetition, sequence) and harmony (chord, cadence). • Listening to repertoire that uses a ground bass. • Working as a small ensemble on a performance that uses ground bass.		**Composition to a brief** • Consolidating skills learnt in relation to texture, harmony, sonority, melodic development and rhythm in relation to one of four given briefs. • Listening work will centre around similar pieces.	
	Technology Mechanisms	• Types of motion and 3 classes of lever. Identifying lever types found in common products. • Modelling of basic lever and linkage mechanisms – identification of how force and movement is influenced by the position of the pivot point. • Modelling more advanced levers and linkage mechanisms. • Introduction to the basics of CAMs (key concepts) + modelling of CAM systems. • Cranks. • Pullies and belts theory and experimentation. Velocity ratios and speed calculations. • Moments theory with calculations including extension activity calculating Non-symmetrical loads on beams. • How forces on the ends of a beam with two non-symmetrical loads can calculated. Extension activity: designing a mechanical solution to problems.		• Repeat of term 1: Students will rotate through the different areas of technology.		• Option Block - students opt for one area of technology to continue for the last term of KS3. • THEME: Box in Box—GCSE trial making skills. • Wood joints (finger and dovetail). • Accuracy in marking out. • Safe and accurate use of hand tools including chisels. • Use of a router for creating a rebate. • Fixtures and fittings (hinges and clasps). • Surface Treatments and Finishes. • Computer aided design (CAD). • Computer aided manufacture (CAM).	
	Design Technology	Architecture project - Students learn about: • The work of an architect • Designing and understanding principles of floorplans • To construct a 3D model of proposed floorplan • Draw/sketch 3D view of chosen room • Understanding scale ratio and anthropometrics • Construct 3D model • Extension activity: create an information portfolio for the purpose of selling the house on the market		• Repeat of term 1: Students will rotate through the different areas of technology		Option Block - students opt for one area of technology to continue for the last term of KS3. • THEME: Box in Box—GCSE trial making skills • Wood joints (finger and dovetail) • Accuracy in marking out • Safe and accurate use of hand tools including chisels • Use of a router for creating a rebate • Fixtures and fittings (hinges and clasps) • Surface Treatments and Finishes. • Computer aided design (CAD) • Computer aided manufacture (CAM)	
	Food	Practical Skills • Health • food poisoning/contamination • Knife skills • Local and seasonal foods • Fats and oils (pastry) • Food science • Hygiene and Safety • Nutrition and Healthy Eating (adolescence) • Protein • Carbohydrates • Practical tasks: jam making, pastry dish		• Repeat of term 1: Students will rotate through the different areas of technology		Option Block - staple foods from around the world. • Carbohydrates: focus on pasta and pasta making - spaghetti bolognaise, pesto pasta/pasta bake, lasagne, gluten free or vegetarian ravioli • Function of egg, function of strong flour/gluten • Nutrients	
	Textiles	• Design and make teacher led task from a selection of topics • Moodboard/artist study research task • Design ideas • Focused practical task • Properties of fabrics • Building of decorative techniques application • Building upon sewing machine skills • Evaluation of outcome		• Repeat of term 1: Students will rotate through the different areas of technology		Choice of title for design and make task: • Initial research • Artist studies • Exploration of techniques • Design work • Final piece inclusive of techniques learnt (bag or accessory)	
Options	**Business**	Students are introduced to key foundation knowledge and understanding of enterprise and marketing concepts. Theory through independent projects that will also test and develop their IT skills. Enterprise, Entrepreneurs, Risks & Rewards, SWOT analysis, Stake holders, Adding value, Negotiation, Origin of ideas, Sources of finance, Taxes, Trends, Market research, Market segmentation, Design mix, Branding, Promotion, Cost, Revenue, Profit.					
	Dance	**Dancer in Action** • Warm up/cool down • Nutrition • Safe practice • Exploring technical skills (ASDR)		**Styles of Dance** • History • Elements of dance • Reviewing performance / process		**Choreography (group)** • Response to stimulus • Elements of dance • Choreographic devices • Choreographic form • Reflection and evaluation	
	Digital Information Technology	• Grand Design Project • Produce a 3D house design using Google Sketchup • Calculate the costs using Excel, Advertise using PowerPoint and showcase their build to Grand Designs team		• Web Authoring using HTML - w3school.com • End of Topic Quiz		• Sound Editing Using Audacity IDEA Awards • End of Topic Quiz	
	Health and Social Care	General First Aid • Basics of first aid and first aid procedures • Practical tasks • Students are taught basic first aid procedures such as CPR and how to treat burns, bleeding and choking • Students will complete a NEA task				Effective Communication • Communication - what is effective communication and how does it meet individual needs • Students are to work in groups to focus on methods of specialist communication	
	Physical Education Performance	• A competitive and game based delivery will allow students to explore the sports and level of performance required to achieve different sporting grades in GCSE PE option blocks for year 10/11. • Elements of theoretical content will be covered at different times during the academic year on Skeletal System, Muscular System, Short and long term effects of exercise on the body system. • Components of fitness. Badminton, Netball, Handball and Table Tennis will be the key focus sports. We will explore fitness testing so students are aware of how to data collect, compare to normative data and create plans to enhance performance.					
Alternative Learning	**STEPs**	Adventure and Residential: ASDAN Short course - planning, preparing for and completing a range of outdoor skills. Students will also complete the Bronze D of E award. This will begin in year 9.					