

Little Lever School CURRICULUM INTENT

BREADTH

		ENGLISH and MATHS		EBACC						FOUNDATION SUBJECTS											LIFE CHANCES						
		Maths	English	Science	Computing	French	Spanish	Geography	History	RE	Technology	Hospitality & Catering (KS4)	Design Technology (KS4)	Music & Music Technology	Drama	Art	Core PE	Computer Science	Business	Creative Media	D.I.T	Sport studies	Textiles	Photography	Life Chances		
Year 7	Autumn	Numbers and Numerals. Axioms & arrays. Factors & multiples. Order of operations. Positive and negative numbers. Sequences & expressions & equations	Maze Runner: Developing literacy and oracy skills. Reading for meaning and developing analysis of plot and a writer's choices. Using reference to text to support ideas and opinions. Narrative Writing	Introducing Science. Biology: Cells.	ESafety: email etiquette, cyber safe and cyber bullying, screen time and selfies. Creating digital media products: animations and videos.	Personal information. School.	Personal information. Hobbies	Misconceptions in Geography. How cold is really cold?	The Norman Conquest. Medieval Realms	Ancient Judaism. Modern Judaism	17 in years 7 and 8 students will cover each unit of work on rotation therefore timing will vary. DT Unit - skill building in CAD/CAM programs to design and make a ruler. The same techniques will be developed further to produce a pewter keyring. Knowledge and understanding of workshop equipment and techniques will be developed alongside the practical aspects.			Introduction to music. Keyboard skills	Introduction to drama- Victorians (devised)/Oliver Twist (scripted)	Baseline observational drawing of a shoe - line and tone. Tone - shading ladder Form - 3D shapes Mark making - ink	Practical - Netball, handball, hockey, rugby league, football, cross country, trampolining, racket sports. Theory - Core values, the body in action, sporting values (Debate & Discuss, reading), equality in sport, health, fitness and well-being, exam.										Wellbeing, Relationships- The mental, emotional and physical wellbeing and health of students and those around them. Developing an understanding of self, healthy lifestyles, and support systems available. Developing an understanding of what constitutes a healthy relationship, both with themselves, their peers, and their families.
	Spring	Angles. Classifying 2D shapes incl area. Co-ordinates. Prime factor decomposition.	Romeo and Juliet: Introduction to Shakespeare and his language. Analysis of themes and styles including character voices. Poetry Analysis	Chemistry: Particles. Physics: Forces.	Control and monitoring. Spreadsheets.	Hobbies. Local area.	School. Family & Friends	Tourism. Time for Climate. Globalisation.	Medieval Realms. Tudor History	Modern Judaism. Islam.	Catering Unit - skill development in knife safety and use of basic cooking equipment to produce a range of healthy dishes. Knowledge and understanding of catering equipment, personal hygiene and techniques will be developed alongside the practical aspects.			Music from Around the World	Devised: Improvisation workshops	Experimenting & Developing. Colour theory. Nancy Stanlee collage. Hundertwasser.	Practical - Health related fitness, dance, gymnastics, netball, orienteering, basketball, dodgeball. Theory - Gender in sport, short term effects of exercise, fitness booklets, the sporting world, long term effects of exercise, rules.									Careers, Finance, Citizenship: Budgeting, costings and where money comes from. Developing an understanding of their role in society and the world in which they live, including their rights and moral responsibilities.	
	Summer	Equivalent fractions. All operations acting on fractions. Ratio. Percentage	Animal Farm: Developing cultural capital and cross curricular links with history. Developing opinions and valuing the opinion of others. Analysis of structure and plot progress. Use of reference to text to support ideas. Transactional Writing	Physics: Energy. Biology: Cycles.	Visual programming: Scratch. Communication and networks.	Holidays	Local area	Population. Rivers, flooding & flood management.	Tudor History. Stuart History	Islam. Buddhism	Skills Unit - skill building in the use of basic workshop tools, measuring, marking out and tolerance to make a birdfeeder. Use of a range of different materials. Food commodities and provenance.			Music in Animation and Film	Scripted: Ernie's Incredible Illucinations. Live theatre review: Pantomime	Developing & refining ideas. Hundertwasser.	Practical - Athletics, cricket, rounders, softball, golf. Theory - The Olympic movement (Debate & Discuss, reading), first aid, prevention of injury, sports leadership, performance review, exam.									Cultural Diversity/Moral and Social Values- Exploring the world around them and developing an awareness of different belief systems, including religions, race, and cultures. Exploring their own moral purpose and what constitutes right from wrong.	
Year 8	Autumn	Area of 2-D shapes. Prime factor decomposition. Equivalent fractions and comparing fractions. All operations acting on fractions. Ratio. Percentage.	Of Mice and Men: Understanding context, literature analysis. Understanding a writer's craft, characterisation) Persuasive Writing	Biology: Body systems. Chemistry: Chemical reactions.	Data and data representations. Plan and create a graphical user interface.	Hobbies. Holiday activities.	Holidays. Hobbies	Dangerous Geography (plate tectonics, earthquakes, tsunamis, volcanoes). Development.	USA Divided 1492 - 1900. Conflict & tension 1913- 1939	Animal rights. Prejudice & discrimination.	DT Unit - Students will develop knowledge and understanding from year 7 of CAD/CAM to design a working passive amp. Skills in the use of different materials, techniques and equipment will be developed in the making of their prototype passive amplifier.			Programme Music / Development of the Orchestra	Introduction to practical Drama: Victorians (Devised) / Oliver Twist (scripted) Victorians/Oliver Twist	Recording ideas: portraits	Practical - Netball, handball, hockey, rugby, football, cross country, trampolining, racket sports. Theory - Core values, the body in action, sporting values (Debate & Discuss, reading), equality in sport, health, fitness and well-being, exam.								Wellbeing, Relationships- Understanding what might impact our lives emotionally and physically and understanding key strategies which could improve and support our coping skills. Developing a sense of self and what constitutes a healthy relationship with peers and family members, including in the online world.		
	Spring	Sequences. Forming & Solving Equations. Forming & Solving Inequalities. Linear Graphs. Accuracy & Estimation.	Blood Brothers: Playwrights and play conventions. Linking ideas to context and a writer's intentions. Developing opinions and ideas. Poetry Analysis	Physics: Electricity & magnetism, Waves.	Text programming: Python. ESafety: digital footprint, phishing emails, online grooming, setting appropriate use of social media and communication and smartphone addition.	My identity: Local area & travel	Food. Going out & daily routine.	Population. Coastal Battles.	Conflict & tension 1913- 1939. WWII & its global consequences.	Prejudice & discrimination. Christianity.	Catering Unit - Revisit and develop knife skills in the production of a range of multi-cultural dishes. Develop a deeper understanding of the provenance of ingredients and how different cooking methods affect the outcome of recipes.			Popular Music and Ukulele Skills	Devised: Improvisation Workshops	Experimenting & Developing: Letter project.	Practical - Health related fitness, dance, gymnastics, football, netball, orienteering, basketball. Theory - Gender in sport, short term effects of exercise, fitness booklets, the sporting world, long term effects of exercise, tactics.								Careers, Finance, Citizenship- Developing an awareness of civil rights and the responsibilities of becoming an active member of society. Improving our understanding of future careers and skills required to achieve a range of aspirations.		
	Summer	Ratio, Real life Graphs & Rates of Change. Direct & Indirect proportion. Univariate Data - Averages. Bivariate Data - Scattergraphs. Circles & composite Shapes. Volume & Surface Area of Prisms.	Hamlet: Shakespearean context and attitudes. Understanding characterisation and stage directions. Analysis of themes and plot development. Narrative Writing	Biology: Genetics & evolution. Chemistry: Periodic table & the elements. Working scientifically.	Threats to data. Creating digital media products: animations and videos.	Talent	Local area & holiday activities.	Disease. Water.	WWII & its global consequences. Revolution & protest in Lancashire.	Christianity. Environment	Skills Unit - Skill building in the use of electronic components to make a night light and continue work on the provenance of foods from different countries and cultures.			Musical Sequencing One	Documentary Drama: Crimewatch/Teenage Runaway Crimewatch/Teenage Runaway	Developing & refining ideas: Letter project.	Practical - Athletics, cricket, rounders, softball, golf. Theory - The Olympic movement (Debate & Discuss, reading), first aid, prevention of injury, sports leadership, performance review, exam.								Cultural Diversity, Social and Moral Values- Developing an understanding of moral purpose and how to stand up what 'what is right'. Enhancing debate and discussion skills based on a variety of complex and controversial topics, based on local and world issues.		
Year 9	Autumn	Foundation: Integers and place value. Decimals, indices, powers and roots. Factors, multiples and primes. Algebra: the basics. Expanding and factorising single brackets. Expressions and substitution into formulae. Higher: Calculations, checking and rounding. Indices, roots, reciprocals and hierarchy of operations. Factors, multiples and primes. Standard form and surds. Algebra: the basics. Setting up, rearranging and solving equations. Sequences.	A Christmas Carol: Analysis of contextual links and the attitudes of Victorian Britain. Analysis of structure, characterisation and writer's methods. Descriptive Writing	Biology: Cell biology. Chemistry: Atomic structure and the periodic table. Physics: Particle model of matter.		My family (using complex opinions, reflexive verbs). Marriage & relationships (near future tense, conditional tense)	My family (using complex opinions, reflexive verbs). Marriage & relationships (near future tense, conditional tense)	Natural hazards and risk, mitigation, adaption, income levels, quality of life, inequality, climate change, geography in the news. Skills (atlas, maps, graphs, statistics). Investigation and fieldwork.	Medicine: Medieval. Renaissance	Peace & conflict. Crime & punishment.	Understand the environment in which hospitality and catering providers operate			Isometric, Orthographic, British Standards Dimensioning. USB Pen drive, ACCESS FM, Polymers Theory, Prototype Modelling & Materials, CAD Modelling, Joining Polymers, Prototype Evaluation. Tealight task.	Music Theory: Understand the Elements of Music - Traditional Notation - Graphic Scores - Instruments of the Orchestra - Programme Music - The development of the orchestra	Introduction to GCSE drama- Theatre Practitioner Stanislavski. Set text: Blood Brothers (practical)	Elements of Art: Texture, Colour and Pattern. Development of pattern and final designs.	Practical - Netball, handball, hockey, rugby, football, cross country, trampolining, racket sports. Theory - Core values, the body in action, sporting values (Debate & Discuss, reading), equality in sport, nutrition, exam.	Revenue, costs and profit. Cash flow, stakeholders, the dynamic nature of a business, risk and reward, business aims and objectives, customer needs, the sales process and customer service.	Description of a media product, its purpose and audience. Graphic design elements and principles. Photopea Basics workshops.	Component 1. What is a user interface? Including: types of user interface uses, factors affecting the choice of user interface, hardware and software influences, audience needs: accessibility needs, skills level, demographics. User interface design principles. Designing a user interface.	Practical Handball, netball, racket sports, trampolining. Theory. Contemporary issues, anatomy and physiology.	Skirt project Recording linked with elements of line, shape, form, tone, pattern and colour.	Terminology: Aperture, Exposure, Shutter Speed, Depth of Field, Bokeh, Focal Point, Macro, Rule of Thirds, Resolution, Formal Elements - Line Vertical Line: critique & photo shoot Horizontal / Curved Line: critique & photo shoot Photo Editing: Natural Line: critique & photo shoot	Wellbeing, Relationships: Developing a sense of self and how to identify individual and personal responses to mental health and emotional triggers. Understanding healthy relationships, identifying what constitutes and unhealthy relationship and how to address this. Developing an awareness of sexual pressure including sexual harassment and understanding the changes which will occur within relationships and personally. Geography: Enhancing geography skills and an understanding of local and world areas to develop a greater appreciation for the subject.		

Year 9	Spring	<p>Foundation: Fractions, decimals and percentages. Equations. Inequalities. Sequences. Real-life graphs. Higher: Averages and range. Representing and interpreting data. Scatter graphs. Fractions. Percentage. Ratio and proportion.</p> <p>Poetry: Power and Conflict Anthology poetry. Analysis of poetic forms and structures. Understanding language choices and links to themes and ideas. Comparative Analysis</p> <p>Biology: Organisation in humans. Chemistry: The PH scale and neutralisation. Physics: Energy.</p> <p>Social media (common irregular present tense verb, writing & speaking skills)</p> <p>Social media (common irregular present tense verb, writing & speaking skills)</p> <p>Natural hazards</p> <p>Medicine: Industrial. Medicine: Modern</p> <p>Crime & punishment. Christianity - Beliefs and Practices</p> <p>Understand how hospitality and catering provision operates. Understand how hospitality and catering provision meets health and safety requirements.</p> <p>User needs - redesigning for specific users. Product analysis, cardboard prototyping. Bottle opener = Design and make project. Ergonomics, user needs, ACCESS FM, specifications, timbers/metals theory, cutting lists, tolerances, manufacturing</p> <p>Composition: basic exercises including how to create a chord sequence and how to add a melody to chords.</p> <p>Devised: Physical Theatre. Scripted: Stones</p> <p>Day of the Dead Project</p> <p>Practical - Health related fitness, dance, gymnastics, football, netball, orienteering, basketball. Theory - Gender in sport, long term effects of exercise, fitness booklets, the sporting world, cultural influences, rules and regulations.</p> <p>Algorithm writing and coding. Von Neumann model stored program concept, secondary storage, embedded systems, operating systems, utility software, identifying software vulnerabilities. Text encoding (ASCII) and Bitmap image encoding.</p> <p>The role of business enterprise, business operations, business location, motivation and market research.</p> <p>Phootea intermediate workshops. Typography theory and practice. Writing and editing copy project.</p> <p>Component 1. Project planning techniques. Planning tools: Gantt charts, critical path diagrams, PERT charts, mood boards, mindmaps. Methodologies: waterfall, iterative. Create a project plan: SMART aims/objectives, audience and purpose, timescales, constraints, risks. Create an initial design.</p> <p>Practical Football, racket sports, fitness Theory Leadership Project</p> <p>Experimenting & developing - Personal Project</p> <p>Formal Elements - Shape & Form</p> <p>Shape: critique & photo shoot</p> <p>Form: critique & photo shoot</p> <p>Colour & Tone: critique & photo shoot</p> <p>Formal Elements - Texture</p> <p>Texture: critique & photo shoot</p> <p>Photo Editing: monochrome, tints, hue, saturation, curves, dodge, burn, brightness, contrast</p> <p>Careers, Finance, identifying different skills required for a range of careers. Exploring different careers paths and educational options for future planning. History: pupils deepen their knowledge and understanding of British and World history through a depth study of the development of the British Empire and how this links to British Social History, including the migration of people to the British Isles.</p>	<p>Foundation: Straight-line graphs. Ratio. Proportion. Perimeter and area. 3D forms and volume. Probability. Higher: Polygons, angles and parallel lines. Pythagoras' Theorem and trigonometry. Graphs: the basics and real-life graphs. Linear graphs and coordinate geometry. Quadratic, cubic and other graphs.</p> <p>Macbeth: Analysis of language and structure, contextual analysis and characterisation. Motifs and themes. Transactional Writing</p> <p>Biology: Bioenergetics and Organisation in plants. Chemistry: Bonding, structure and the properties of matter. Physics: Atomic structure.</p> <p>Benefits & dangers of technology (complex irregular verbs). Free time & healthy lifestyles (past tense, future tense)</p> <p>Benefits & dangers of technology (complex irregular verbs). Free time & healthy lifestyles (past tense, future tense)</p> <p>The living world.</p> <p>Medicine: Modern. America: 1920s.</p> <p>Christianity - Beliefs and Practices</p> <p>Know how food can cause ill health</p> <p>Mechanical devices, and systems, levers, gears, pulleys. Mechanical calculations Automata</p> <p>Performance - understand the importance of playing instruments and the purpose of practice. Develop skills on instruments in lesson time and also privately and with peripatetic tutors.</p> <p>Set Text: Blood Brothers (practical and exam questions) Live Theatre Review.</p> <p>Experimenting & developing. Critical studies (David Luzzau, Pratruska, personal).</p> <p>Practical - Athletics, cricket, rounders, softball, golf. Theory - The Olympic ideal, first aid, prevention of injury, sports leadership, performance review, exam.</p> <p>Algorithm writing and coding. Sound encoding and compression (lossy and lossless). Networks: LANs and WANS, internet structure (IP and routing), wired and wireless networks, data transmission speed, protocols, layered protocol stacks (TCP/IP) and packets.</p> <p>Understanding business performance, market segmentation, the competitive environment, break even and interest rates and the marketing mix.</p> <p>Writing and editing copy project completion. How moving image/audio products generate meaning and engage audiences through genre, representation, narrative and production techniques.</p> <p>Component 1. Develop a user interface. Refine a user interface. Review the project.</p> <p>Practical cricket, rounders, athletics, orienteering. Theory Outdoors adventurous activities</p> <p>Final Ideas - Personal Project</p> <p>Urban Project</p> <p>Critical study: Paul Politts - black and white geometry of the mundane</p> <p>Photo Shoot: school building</p> <p>Photo Editing: monochrome, curves, dodge, burn, brightness, contrast</p> <p>Critical study: Nico Goodden - saturated colour, colour splash, minimalist composition</p> <p>Photo Shoot: local area</p> <p>Photo Editing: hue, saturation, curves, dodge, burn, brightness, contrast</p> <p>Critical study: People Will Always Need Plates - graphic art</p> <p>Photo Shoot: architecture</p> <p>Photo Editing: filters stamp/photocopy, selection, colour fill, hue</p> <p>MFL, Social and Moral Values: Improving an understanding and appreciation for other cultures and values, including other languages and their value in society. Enhancing debating and discussion skills towards a range of current and sometimes challenging topics to understanding opinions of others and how to challenge opinions respectfully.</p>
	Summer	<p>Foundation: Real-life graphs. Straight line graphs. Ratio. Proportion. Perimeter and area. 3D forms and volume. Probability. Higher: Polygons, angles and parallel lines. Pythagoras' Theorem and trigonometry. Graphs: the basics and real-life graphs. Linear graphs and coordinate geometry. Quadratic, cubic and other graphs. Perimeter, area and circles. 3D forms and volume, cylinders, cones and spheres.</p> <p>An Inspector Calls: Stage directions and a writer's craft. Vocabulary analysis and links to structural choices. Cross curricular links to WWI and WWII. English Language Analysis</p> <p>Physics: Atomic structure. Chemistry: Chemical changes. Biology: Infection and response.</p> <p>Customs (present tense, complex past tenses, irregular verbs, cultural festivals). Festivals (past tenses, festivals around the world)</p> <p>Customs (present tense, complex past tenses, irregular verbs, cultural festivals). Festivals (past tenses, festivals around the world)</p> <p>The Living World. Urban issues and challenges.</p> <p>America 1920s. Depression and New Deal</p> <p>Relationships and Families, Religion and Life</p> <p>Understand menu planning</p> <p>Timber joints, investigates/FFT, workshop processes and theory. Materials theory- stock materials. Introduction to exam context through regular theory sessions. Design and technology in our world, impact of new and emerging technologies, energy generation and sustainability. Modern and smart materials.</p> <p>GCSE Music: Forms and Devices, Performing, Popular Music. BTEC Music: Explore music sequencing techniques, Learning aim B: Use music sequencing software to create music.</p> <p>Theatre Practitioner Workshops Teacher's Scripted practical</p> <p>Day of the Dead project - personal response & ceramic workshop.</p> <p>Fitness suite, netball, dodgeball, football, basketball, trampolining.</p> <p>Topic 3 Computer hardware and software. Topic 2 Data Encoding and Compression. Topic 4 Computer Networks.</p> <p>Market research, understanding business performance, market segmentation, the competitive environment, break even and interest rates and the marketing mix (product, price and promotion).</p> <p>Research and plan the creation of a publishing product in response to a design brief.</p> <p>Component 2 (Spreadsheets). Characteristics of data and information. Presenting information. Ensuring data is suitable for processing. Data collection. Quality of information and its impact on decision making. Sectors that use data modelling. Threats to individuals.</p> <p>Practical Handball, netball, racket sports. Theory Outdoor adventurous Activities.</p> <p>Natural Form Project: Drawing skills, continuous stitch.</p> <p>Urban Photography Project</p> <p>Critical study: Phyllis Denton - urban psychedelic</p> <p>Photo Shoot Shop Fronts / Contact Sheets</p> <p>Photo editing: Hue, saturation, curves, invert</p> <p>Critical study: Shinichi Higashi - double exposure and long exposure; Leticia Lampert - photo montage</p> <p>Photo Shoot City Scapes / Contact Sheets</p> <p>Photo editing: Symmetrical compositing, double exposure, opacity, photo montage, free transform</p> <p>Critical study: Leticia Lampert - photo montage</p> <p>Photo editing: Selection, layering, free transform</p> <p>Wellbeing, Sex and Relationships- Understanding emotional health and physical health and where to find support, including sexual health and decision making. Understanding peer and sexual relationships and how to navigate relationships as teens. Identifying sexual harassment and where to seek support and guidance.</p>	
	Autumn	<p>Foundation: Real-life graphs. Straight line graphs. Ratio. Proportion. Perimeter and area. 3D forms and volume. Probability. Higher: Polygons, angles and parallel lines. Pythagoras' Theorem and trigonometry. Graphs: the basics and real-life graphs. Linear graphs and coordinate geometry. Quadratic, cubic and other graphs. Perimeter, area and circles. 3D forms and volume, cylinders, cones and spheres.</p> <p>An Inspector Calls: Stage directions and a writer's craft. Vocabulary analysis and links to structural choices. Cross curricular links to WWI and WWII. English Language Analysis</p> <p>Physics: Atomic structure. Chemistry: Chemical changes. Biology: Infection and response.</p> <p>Customs (present tense, complex past tenses, irregular verbs, cultural festivals). Festivals (past tenses, festivals around the world)</p> <p>Customs (present tense, complex past tenses, irregular verbs, cultural festivals). Festivals (past tenses, festivals around the world)</p> <p>The Living World. Urban issues and challenges.</p> <p>America 1920s. Depression and New Deal</p> <p>Relationships and Families, Religion and Life</p> <p>Understand menu planning</p> <p>Timber joints, investigates/FFT, workshop processes and theory. Materials theory- stock materials. Introduction to exam context through regular theory sessions. Design and technology in our world, impact of new and emerging technologies, energy generation and sustainability. Modern and smart materials.</p> <p>GCSE Music: Forms and Devices, Performing, Popular Music. BTEC Music: Explore music sequencing techniques, Learning aim B: Use music sequencing software to create music.</p> <p>Theatre Practitioner Workshops Teacher's Scripted practical</p> <p>Day of the Dead project - personal response & ceramic workshop.</p> <p>Fitness suite, netball, dodgeball, football, basketball, trampolining.</p> <p>Topic 3 Computer hardware and software. Topic 2 Data Encoding and Compression. Topic 4 Computer Networks.</p> <p>Market research, understanding business performance, market segmentation, the competitive environment, break even and interest rates and the marketing mix (product, price and promotion).</p> <p>Research and plan the creation of a publishing product in response to a design brief.</p> <p>Component 2 (Spreadsheets). Characteristics of data and information. Presenting information. Ensuring data is suitable for processing. Data collection. Quality of information and its impact on decision making. Sectors that use data modelling. Threats to individuals.</p> <p>Practical Handball, netball, racket sports. Theory Outdoor adventurous Activities.</p> <p>Natural Form Project: Drawing skills, continuous stitch.</p> <p>Urban Photography Project</p> <p>Critical study: Phyllis Denton - urban psychedelic</p> <p>Photo Shoot Shop Fronts / Contact Sheets</p> <p>Photo editing: Hue, saturation, curves, invert</p> <p>Critical study: Shinichi Higashi - double exposure and long exposure; Leticia Lampert - photo montage</p> <p>Photo Shoot City Scapes / Contact Sheets</p> <p>Photo editing: Symmetrical compositing, double exposure, opacity, photo montage, free transform</p> <p>Critical study: Leticia Lampert - photo montage</p> <p>Photo editing: Selection, layering, free transform</p> <p>Wellbeing, Sex and Relationships- Understanding emotional health and physical health and where to find support, including sexual health and decision making. Understanding peer and sexual relationships and how to navigate relationships as teens. Identifying sexual harassment and where to seek support and guidance.</p>	

DEPTH

Year 10 Spring

<p>Foundation: Properties of shapes, parallel lines and angle facts, interior and exterior angles of polygons. Tables. Charts and Graphs. Pie charts, Scatter graphs. Statistics and sampling. The averages. Higher: Accuracy and bounds. Transformations. Constructions, loci and bearings. Solving quadratic and simultaneous equations. Inequalities. Probability. Multiplicative reasoning.</p>	<p>World News: English Language Paper 2 studies-reading and analysing non-fiction including speeches, articles and letters. Language choices. Persuasive Writing</p>	<p>Physics: Electricity. Chemistry: Quantitative chemistry, energy changes. Biology: Homeostasis and response.</p>		<p>Home & region (Differences between past & present, complex writing). Charities & voluntary work (conditional tense, imperfect & pluperfect, negatives)</p>	<p>Home & region (Differences between past & present, complex writing). Charities & voluntary work (conditional tense, imperfect & pluperfect, negatives)</p>	<p>UK physical landscapes. Coasts (case study - Sefton Coast)</p>	<p>Depression and New Deal. Post-War America.</p>	<p>Religion and Life, Islam</p>		<p>Understand the importance of nutrition when planning menus</p>	<p>Work of past and present designers. Mini NEAs - designer inspired task light, investigate context, specification, design development, prototype, manufacture, evaluation.</p>	<p>GCSE Music: Music for Ensemble, Film Music. BTEC Music: Learning aim A: Plan, develop and deliver a music product.</p>	<p>Devised practical: Who's Watching Who?</p>	<p>The Everyday project. Critical studies(Pricilla Jones, Andrea Joseph, Michael Craig Martin)</p>	<p>Fitness suite, Health related fitness, football, table tennis, badminton, dodgeball.</p>	<p>Topic 1 Computational Thinking. Topic 5 Legal, Moral and Ethical Technology Issues. Topic 6 Programming (Practical Exam Technique).</p>	<p>The marketing mix (place), using the marketing mix, ethics, environment and business, technology and business and the options available to start up a small business.</p>	<p>Produce and review a publishing product in response to a design brief. Description of a media product, its purpose and audience.</p>	<p>Component 2 (Spreadsheets). Data processing methods such as formulae and functions, lookup functions, logical operators, sorting, absolute and relative cell referencing, macros, data validation, conditional formatting etc. Produce a dashboard that shows summaries of data presented using appropriate methods.</p>	<p>Practical Football, racket sports, fitness, Theory Exam</p>	<p>Natural forms. Critical studies (Matthew Williamson, Stella McCartney, Alexander McQueen)</p>	<p>Portrait Album Cover Project Critical study: What is portrait photography? Critical study: John Rankin – commercial portrait photography Critical study: HELMO Critical study: Dan Mountford Critical study: Andy Warhol / Roy Lichtenstein Photo shoot studio based / Contact Sheets Photo editing: Black and white, tints, hue, saturation, curves, dodge, burn, brightness, contrast, double exposure, opacity, vector masks, filters Photo shoot studio based / Contact Sheets Photo editing: Black and white, tints, hue, saturation, curves, dodge, burn, brightness, contrast, double exposure, opacity, vector masks, filters Critical study: Album cover design and personal explorations Graphic design – band names, typography, logos, album concept Graphic design: Ruler cropping, canvas size, layers, font, colour, composition, PNG Photo Shoots: 200 shots based on album concept</p>	<p>Careers, Finance, Citizenship- Introduction to college and university opportunities, including apprenticeships and different pathway options. Developing an awareness of future career opportunities and needs in the job market.</p>
---	--	--	--	---	---	---	---	---------------------------------	--	---	--	---	---	--	---	--	--	---	---	--	--	--	--

Summer

<p>Foundation: Transformations I: translations, rotations and reflections. Transformations II: enlargements and combinations. Right-angled triangles: Pythagoras and trigonometry. Fractions and reciprocals. Indices and standard form. Quadratic equations: expanding and factorising. Quadratic equations: graphs. Circles, cylinders, cones and spheres. Multiplicative reasoning. Higher: Similarity and congruence in 2D and 3D. Graphs of trigonometric functions. Further trigonometry. Collecting data. Cumulative frequency, box plots and histograms. Quadratics, expanding more than two brackets, sketching graphs, graphs of circles, cubes and quadratics.</p>	<p>Anthology Poetry: Power and conflict anthology analysis. Poetic forms and structures. Language analysis and links to writers' methods. Consolidation Unit</p>	<p>Chemistry: The rate and extent of chemical change. Physics: Waves. Biology: Inheritance, variation and evolution. Working scientifically.</p>		<p>Revision & speaking preparation.</p>	<p>Revision & speaking preparation.</p>	<p>Rivers (Case study Stokesley)</p>	<p>Post War America. Korea.</p>	<p>Islam</p>		<p>Be able to cook planned dishes</p>	<p>NEA Contexts issued June, Identifying & Investigating Design Possibilities Developing a Design Brief & Specification</p>	<p>GCSE Music: Revisit all topics from year 10 using different pieces as listening and performing examples, composition project (of choice) and submit, continue to build aural skills through frequent practice. BTEC Music: Learning aim B: Promote a music product, Learning aim C: Review the management of a music product.</p>	<p>Set Text- Blood Brothers (practical and exam questions). Live Theatre Review. Live Review exam question</p>	<p>Developing & refining ideas.</p>	<p>Athletics, softball, rounders, cricket, golf, football.</p>	<p>Revisit topics 2,3,4,5 in preparation for the end of year theory STEP assessment. Topic 6 Programming in preparation for end of year practical STEP assessment.</p>	<p>Sources of finance, the economy and business, business plans, legislation and business, external influences, the economy and business, technology and business, business operations, business growth, business aims and objectives and changes in business aims and objectives.</p>	<p>How moving image/audio products generate meaning and engage audiences through genre, representation, narrative and through a range of production techniques.</p>	<p>Component 2 (Spreadsheets). Drawing conclusions based on the data and make recommendations.</p>	<p>Practical cricket, rounders, athletics, orienteering. Theory Exam and Leadership.</p>	<p>Project conclusion: developing & refining ideas. Photo Shoots: 200 shots based on album concept Final album design.</p>	<p>Cultural Diversity/ Moral and Social Values- Exploring cultural and racial issues which are evident in recent news and world events. Developing opportunities to discuss and debate these issues to develop a sense of self support of others.</p>
---	--	--	--	---	---	--------------------------------------	---------------------------------	--------------	--	---------------------------------------	---	--	--	---	--	--	--	---	--	--	--	---

Year 11

Autumn

Spring

Summer

<p>Foundation: Rounding and Estimation, Calculator Skills, Four Operations (including money problems), Direct Proportion including Best Buy and Foreign Exchange, Fractions, Decimals and Percentages, Negative Numbers, Roots and Powers, Converting between standard form and ordinary numbers, BIDMAS and Function Machines, Primes, Factors and multiples, Substitution, Simplifying algebraic terms, Expanding and Factoring, Forming and solving equations, Rearranging formulae, Solving Inequalities Higher: Four operations with decimals, Fractions, decimals and percentages, Percentages, Substitution, Simplifying Algebraic terms, Forming and Solving Linear Equations, Solving linear inequalities, Form and solve linear simultaneous equations, Fractions, Ratio, Proportion, Rounding and estimating, Pythagoras in 2D, Trigonometry in 2D, Probability, Higher Plus: Probability, Multiplicative reasoning, Similarity and congruence in 2D and 3D, Graphs of trigonometric functions, Further trigonometry, Collecting data, Cumulative frequency, box plots and histograms</p>	<p>Modern novel. Improving analysis. Poetry (Power & conflict).</p>	<p>Biology: Ecology. Chemistry: Organic chemistry, chemical analysis. Physics: Forces.</p>	<p>School/perfect tense, infinitives, conditional tense, developing complex speaking skills) cultural differences)</p>	<p>School/perfect tense, infinitives, conditional tense, developing complex speaking skills) cultural differences)</p>	<p>The Living World. The changing economic world.</p>	<p>Escalation in Vietnam. End of Vietnam.</p>	<p>Peace and Conflict, Crime and Punishment, Religious Beliefs - Christianity and Islam,</p>	<p>Understand the importance of nutrition when planning menus. Understand menu planning.</p>	<p>Generating and Developing Design Ideas Manufacturing a prototype Analysing & Evaluating Design Decisions & Prototypes</p>	<p>GCSE Music: Forms and Devices (with more advanced topics and practical content). Revisit and revision: Badinerie, BTEC Music: Learning aim A: Plan a recording session, Learning aim B: Use recording equipment safely to produce multi-track recordings</p>	<p>C3 - Texts In Practice (Scripted practical) C1 - Understanding Drama (written examination practice)</p>	<p>Revisit, review and refine any outstanding project work. Annotations specifically relate to the qualities of drawing.</p>	<p>Fitness suite, netball, dodgeball, football, basketball, trampolining.</p>	<p>Preparing for Paper 2: Algorithms Development (Trace Tables, Error Codes, Data Types and Databases, Data Structures and Arrays, Written Description Algorithms, Flowcharts, Validation Testing, Program Code/Pseudo Code Algorithms).</p>	<p>Sources of finance, the economy and business, legislation and external influences, the economy and business, technology and business, business operations, business growth, changes in business aims and objectives, business and globalisation, working with suppliers and managing quality.</p>	<p>How moving image/audio products generate meaning and engage audiences through genre, representation, narrative and production techniques. Research and plan the creation of a publishing product in response to a design brief.</p>	<p>Component 3. Modern technologies. Threats to data, the prevention of threats and data protection policies.</p>	<p>Practical Handball, netball, racket sports, trampolining, Theory Leadership and exam.</p>	<p>Natural Forms: opportunity for personalised project including colour, changes and recycled.</p>	<p>Portrait Album Cover Project Final album design. Google Sites – project presentation</p>	<p>Wellbeing and Relationships including body image and eating disorders, healthy relationships, sexual harassment, and Consent. Careers: Future Planning- College applications to begin, including developing skills such as CV writing, developing personal statements and interview skills. Understanding the world of work and work rights, including pay and working conditions. Every student engages in a one-to-one guidance interview.</p>
<p>Foundation: Fractions, Probability, Metric Conversions, Calculations with speed, distance and time, Ratio, Statistics, Angles, Sequences and graphs, Area, Perimeter and Volume, Pythagoras, Trigonometry, Transformations Higher: Expanding and factoring, Simplify algebraic fractions, Speed, Distance and Time, Primes, factors and multiples, Product rule for counting, Standard Form, Indices Laws, Surds, Area, Perimeter and Volume, Density, Mass, Volume, Plans and elevations, Averages and the range (including from a frequency table), Scatter graphs, Cumulative frequency and Box plots, Sequences and graphs, Functions, Angles, Circle Theorems, Histograms, Transformations Higher Plus: Quadratics, expanding more than two brackets, sketching graphs, graphs of circles, cubes and quadratics, Circle theorems, Circle geometry, Changing the subject of formulae (more complex), algebraic fractions, solving equations arising from algebraic fractions, rationalising surds, proof, Vectors and geometric proof, Reciprocal and exponential graphs; Gradient and area under graphs, Direct and Inverse proportion</p>	<p>Evaluation. Macbeth. Creative writing. Poetry (power & conflict). Writing with a viewpoint. Unseen poetry.</p>	<p>Biology: Inheritance, variation & evolution. Chemistry: Chemistry of the atmosphere and using resources. Physics: Magnetism and electromagnetism.</p>	<p>Jobs (Using tenses in writing, complex adjectives, the subjunctive, conditional tense, superlatives & comparatives. The passive).</p>	<p>Jobs (Using tenses in writing, complex adjectives, the subjunctive, conditional tense, superlatives & comparatives. The passive).</p>	<p>Field work. Issue evaluation</p>	<p>Revision and Reshaping learning following the mocks. Final exam.</p>	<p>Relationships and Families, Religion and Life, Religious Practices - Christianity and Islam,</p>	<p>Understand menu planning. Preparing & cooking dishes.</p>	<p>NEA - Collate & Prep for submission/ Teacher Assessment Revision & Exam Prep - Technology and our World, The Impact of New & Emerging Technologies, Design Decisions/ Ethics & Environment, Energy generation/storage & appropriate sources to make products & power systems, Developments in Smart Materials, Composite Materials & Technical Textiles, Electronics, systems & Control, Programmable Components, Mechanical Devices, changing magnitude and direction of forces, Materials.</p>	<p>GCSE Music: Popular Music (with more advanced topic/class/practical content), Revisit Music for Ensemble (with more advanced topic/class/practical content). BTEC Music: Learning aim A: Understand different types of organisations that make up the music industry</p>	<p>C2 - Devising (practical performance and written coursework) C1 - Understanding Drama (written examination practice)</p>	<p>Exam preparation period preparation work ready for the 10 hour external controlled exam. Pupils will choose one question to answer from a choice of seven. Pupils will sit the controlled exam at the end of March.</p>	<p>Fitness suite, Health related fitness, football, table tennis, badminton, dodgeball.</p>	<p>Topic 3 Data (Binary Manipulation, Data Representation (Text/Image/Sound), Topic 4 (Hardware, Software, Boolean Logic), Topic 5 (Networks, Network Security).</p>	<p>Organisational structures, different ways of working, effective recruitment, effective communication, effective training and development.</p>	<p>Produce and review a publishing product in response to a design brief.</p>	<p>Component 3. The wider implications of digital systems. Responsible use. Legal and ethical issues. Forms of notation. Interpreting and presenting information presented using different forms of notation.</p>	<p>Practical Football, racket sports, fitness, Theory Leadership.</p>	<p>Exam preparation period preparation work ready for the 10 hour external controlled exam. Pupils will choose one question to answer from a choice of seven. Pupils will sit the controlled exam at the end of March.</p>	<p>Exam preparation period preparation work ready for the 10 hour external controlled exam. Pupils will choose one question to answer from a choice of seven. Pupils will sit the controlled exam at the end of March.</p>	<p>Continued careers development and enhancement of understanding of transferable skills including college and university information and interview skills. Study skills including revision and application of knowledge across the curriculum. Developing resilience and well-being strategies when faced with unexpected or challenging experiences. Follow up careers guidance as required in response to post-16 applications and intended destinations.</p>
<p>Department Intervention Strategies: Identifying students' knowledge gaps and re-shaping the curriculum to concentrate on these areas/topics.</p>	<p>Department Intervention Strategies: Identifying students' knowledge gaps and re-shaping the curriculum to concentrate on these areas/topics.</p>	<p>Department Intervention Strategies: Identifying students' knowledge gaps and re-shaping the curriculum to concentrate on these areas/topics.</p>	<p>Department Intervention Strategies: Identifying students' knowledge gaps and re-shaping the curriculum to concentrate on these areas/topics.</p>	<p>Department Intervention Strategies: Identifying students' knowledge gaps and re-shaping the curriculum to concentrate on these areas/topics.</p>	<p>Geographical skills.</p>	<p>Department Intervention Strategies: Identifying students' knowledge gaps and re-shaping the curriculum to concentrate on these areas/topics.</p>	<p>Department Intervention Strategies: Identifying students' knowledge gaps and re-shaping the curriculum to concentrate on these areas/topics.</p>	<p>Department Intervention Strategies: Identifying students' knowledge gaps and re-shaping the curriculum to concentrate on these areas/topics.</p>	<p>Revision & Exam preparation: Materials, Textiles, Natural & Manufactured Timber, Responsible design & Manufacture,</p>	<p>GCSE Music: Revisit Film Music (with any further topics/content). BTEC Music: Learning aim B: Understand job roles in the music industry</p>	<p>C2 - Devising log C1 - Understanding Drama (written examination)</p>	<p>Review, evaluation and completion of coursework by mid May.</p>	<p>Athletics, softball, rounders, cricket, golf, football.</p>	<p>Topic 6 (Moral, Ethical, Legal impact of technology, Open Source and Proprietary Software).</p>	<p>Department Intervention Strategies: Identifying students' knowledge gaps and re-shaping the curriculum to concentrate on these areas/topics.</p>	<p>Video production techniques theory and practice such as camera angles, shot types and video editing using Da Vinci Resolve software. Production of a short video.</p>	<p>Component 3 topics: Targeted Revisiting of Topics A, B, C and D in preparation for a final assessment.</p>	<p>Practical cricket, rounders, athletics, orienteering, Theory Revisiting modules.</p>	<p>Revisiting, review, evaluation and completion of coursework by mid May.</p>	<p>Review, evaluation and completion of coursework by mid May.</p>	<p>Final preparations for further education and employment, including the transition from secondary education. Enhancing aspirations and understanding of future opportunities.</p>