

KS3 Curriculum Knowledge and Skills map

*The following is an overview of the knowledge and skills delivered across Key Stage 3 at Shirebrook Academy.*

| Dept    | Subject | Year 7  | Year 8  | Year 9  | Y10/11   |
|---------|---------|---|---|---|--|
| English | English | <p>PROSE: Edgar Allen Poe – Reading and Writing based on ‘Gothic’ literature. A range of short stories, tales from The Brothers Grimm and a selection of Dickens.</p> <p>DRAMA: Humpty Dumpty –Reading, writing, speaking and listening based on the play ‘The terrible fate of Humpty Dumpty.</p> <p>POETRY: Poems from other cultures</p> <p>ENGLISH SKILLS: Neat fluent writing, Spelling and vocabulary, atmosphere in reading and writing.</p> | <p>Prose: Science Fiction Short Stories ‘Gothic Lit’ – Frankenstein, Dracula. ‘Of Mice and Men’ ‘Holes</p> <p>Drama: Romeo and Juliet ‘Twisted’</p> <p>Poetry: Chaucer extract from Canterbury Tales</p> <p>ENGLISH SKILLS: Punctuating for effect, varying verb forms, using sentence structures for effect, paragraphing using adverbials, widening stock of conjunctions</p> | <p>PROSE: American Literature ‘Call of the Wild’, ‘The Outsiders’<br/>A Christmas Carol</p> <p>CREATIVE WRITING: Image to text</p> <p>POETRY: Love and Relationships</p> <p>DRAMA: Inspector Calls, Blood Brothers, Macbeth Character Study.</p> <p>ENGLISH SKILLS: Using a range of punctuation, subject verb agreement, tenses, levels of formality, network paragraphing, using a range of sentence structures for effect.</p> | <p>English Language<br/>English Literature<br/>Media<br/>Drama</p> |
|         | Drama   | <p><b>Knowledge covered:</b><br/>Edgar Allen Poe<br/>Humpty Dumpty<br/>Grimm<br/>National Theatre<br/>Short Stories – The landlady<br/>Dickens</p> <p><b>Skills:</b><br/>Story telling / narration<br/>Scripting<br/>Characterisation<br/>Staging<br/>Hot-seating</p>   | <p><b>Knowledge covered:</b><br/>Science Fiction<br/>Gothic Theatre<br/>Romeo and Juliet<br/>Chaucer<br/>Twisted<br/>Of Mice and Men</p> <p><b>Skills:</b><br/>Sound effects<br/>Voice work<br/>Script writing<br/>Physical Theatre<br/>Thought tracking<br/>Performing a prepared scene</p>  | <p><b>Knowledge covered:</b><br/>A Streetcar Named Desire<br/>Visual Theatre – using images<br/>Blood Brothers<br/>Macbeth<br/>An Inspector Calls</p> <p><b>Skills:</b><br/>Brechtian Theatre<br/>Stanislavski<br/>Preparing monologues<br/>From script to performance<br/>Interpreting prose for the stage</p>   |  |

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| <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Science</p> | <p><b>AQA Big Ideas Content:</b> Organisms, Matter, Forces, Genes, Waves, Earth.<br/> <b>Working Scientifically:</b> Variables, planning experiments, graphs<br/> <b>Scientific Literacy:</b> key spelling, writing a logical method, sequencing<br/> <b>Maths Skills:</b> Recognise and use expressions in decimal form, construct and interpret bar charts, plot two variables from experimental data, find arithmetic means, change the subject of an equation.<br/> <b>BLP Dispositions:</b> Questioning, planning</p> | <p><b>AQA Big Ideas Content:</b> Ecosystems, Matter, Energy, Organisms, Reactions, Waves, Electromagnets.<br/> <b>Working scientifically:</b> analysing data, evaluating experiments<br/> <b>Scientific literacy:</b> forming descriptions and explanations<br/> <b>Maths skills:</b> Use ratios, fractions and percentages, use an appropriate number of significant figures, substitute numerical values into algebraic equations using appropriate units for physical quantities.<br/> <b>BLP Dispositions:</b> Questioning, planning, making links</p> | <p><b>AQA Big Ideas Content:</b> Energy, Genes, Earth, Electromagnets<br/> <b>Working scientifically:</b> Interpreting data, secondary data<br/> <b>Scientific literacy:</b> Ethical arguments, evaluations and comparisons<br/> <b>Maths skills:</b> Recognise and use expressions in standard form, make order of magnitude calculations.<br/> <b>Begin GCSE:</b> Atomic Structure, The Periodic Table Cell Structure and Transport, Cell Division, Energy, Energy Transfer<br/> <b>BLP Dispositions:</b> Questioning, planning, making links</p> | <p><b>Chemistry</b><br/> <b>Biology</b><br/> <b>Physics</b><br/> <b>Combined Science</b></p> |
| <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Maths</p>   | <p>Unit 1 Number Skills<br/> Unit 2 Perimeter, area and volume<br/> Unit 3 Expressions, functions, formulae and equations<br/> Unit 4 Decimals<br/> Unit 5 Fractions and percentages<br/> Unit 6 Analysing and displaying data<br/> Unit 7 Angles and shapes<br/> Unit 8 Ratio and proportion<br/> Unit 9 Sequences and graphs<br/> Unit 10 Transformations</p>  | <p>Unit 1 Number properties and calculations<br/> Unit 2 Area and volume<br/> Unit 3 Expressions and equations<br/> Unit 4 Decimals and ratio<br/> Unit 5 Fractions, decimals and percentages<br/> Unit 6 Analysing and displaying data<br/> Unit 7 Angles<br/> Unit 8 Transformations<br/> Unit 9 Real-life and linear graphs<br/> Unit 10 Probability</p>  | <p>Unit 1 Indices and standard form<br/> Unit 2 Constructions<br/> Unit 3 Expressions, formulae, equations and inequalities<br/> Unit 4 Multiplicative reasoning<br/> Unit 5 Analysing and displaying data<br/> Unit 6 Circles, Pythagoras and prisms<br/> Unit 7 Probability<br/> Unit 8 Sequences and graphs<br/> Unit 9 Comparing shapes</p>   | <p>Maths</p>   |

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| Humanities | History | <p><b>Content:</b> Roman society, Succession crisis, Battle of Hastings, Feudal System, Castles as a base of power, Power of the Church, Power of Protest, Wars of the Roses.</p> <p><b>Working Historically:</b> Source and interpretations analysis, distilling information, evaluating cause and effect, understanding of chronology, knowledge retention.</p> <p><b>Historical Literacy:</b> Structured answers (PEE Paragraphs), Use of keywords, Understanding of keywords, Extended writing.</p> | <p><b>Content:</b> Tudors, Stuarts and Civil War, Cromwell and Restoration, Jacobites and Hannoverians, Industrial Revolution, Empire and Slavery.</p> <p><b>Working Historically:</b> Exam skills and techniques, source analysis, knowledge retention, chronological understanding and links between events, impact of cause and event over time.</p> <p><b>Historical Literacy:</b> Use of keywords to guide an argument, Extended writing on a topic, writing to a judgement, (PEE paragraphs).</p>  | <p><b>Content:</b> Crime and Punishment (GCSE micro unit), WWI, WWII, Holocaust, Cold War, American West (GCSE micro unit).</p> <p><b>Working Historically:</b> Using exam skills and techniques, source analysis, knowledge retention, chronological understanding and links between events, impact of cause and event over time.</p> <p><b>Historical Literacy:</b> Extended writing, writing to analyse, narrative chronological analysis of impact, writing to a judgement. (PEE paragraphs).</p>   | <p><b>History Geography Philosophy and Ethics</b></p> <p><b>BLP Focus throughout Humanities is ensuring the development of more reflective learners, through tasks, assessments and responses to marking.</b></p> |
|            | Geog    | <p><b>Content:</b> South America and Africa continent studies.</p> <p><b>Working Geographically:</b> Development dynamics, Human geog: social and developmental issues e.g. life in the favela, Physical geog: Environments (focus on tropical rainforests)</p> <p><b>Geographical skills:</b> Map reading, use of an atlas to locate case study named examples, compass points used to describe the distribution</p>   | <p><b>Content:</b> Volcanoes, Earthquakes, Climate, Rivers, Country Study, Resource Management.</p> <p><b>Working Geographically:</b> knowledge and use of keyterms linked to all units and used across the units (e.g. water cycle and rivers), describing the distribution of hazards on world maps linking to place specific information and compass directions. Assessing the cost and benefits of management methods (rivers) and renewable energy techniques. Categorising factors into socially, economically or environmentally sustainable.</p> <p><b>Maths skills:</b> Calculating cost benefit ratios, calculating percentages and showing these on a pie chart, measuring distance and change in the amount of coastline lost, reading data from and creating own climate graphs and hydrographs</p> | <p><b>Content:</b> Population, Extreme Environments, Coasts, Energy Reosurces, Tropical Storms, Development.</p> <p><b>Working Geographically:</b> Interpreting the Demographic Transition Model, describing the physical geography of India using a map, atlas and map skills, commenting on social, economic and environmental sustainability to reach a decision</p> <p><b>Maths skills:</b> calculating total population changes from line graphs, cost benefit analysis of coastal management methods, calculating distance from a scale line on a map</p> |   |

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|  | <p>Philosophy and Ethics</p> | <p><b>Content:</b> Faith, World Religions, Festivals<br/> <b>Working religiously:</b> Being able to describe basic beliefs, understanding differences, accepting differences.<br/> <b>Religious Literacy:</b> Use of keywords, understanding of keywords, extended writing (FAY).</p> | <p><b>Content:</b> What is Philosophy and Ethics, Christianity, Judaism, Sikhism, Islam, Festivals.<br/> <b>Working religiously:</b> Being able to describe basic beliefs, understanding differences, accepting differences, developing understanding of exam skill, knowledge retention.<br/> <b>Religious Literacy:</b> Use of keywords to explain religious viewpoints, understanding of different beliefs and how they guide people in their daily lives, extended writing (FAY).</p> | <p><b>Content:</b> Moral Issues, Evil and Suffering, Medical Ethics, Just War, Prejudice and Discrimination, Inspirational People.<br/> <b>Working religiously:</b> Considering how religious views can be applied to ideas, using exam skills and techniques, knowledge retention.<br/> <b>Religious Literacy:</b> Explaining different beliefs and how they guide people in their daily lives. Use of philosophical terms, Explanation of the wider impact of events, <b>extended</b> writing (FAY).</p> |  |
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| <p><b>PE</b></p> | <p><b>Developing the fundamentals</b> – movement patterns, throwing, catching, dribbling, shooting<br/> <b>Invasion games</b> – basic strategy to outwit opponents, and developing sport specific skills<br/> <b>Team building/OAA</b> – working together, map skills, basic orienteering<br/> <b>Net games</b> – hand-eye-ball coordination, rallying, basic game structure<br/> <b>Athletics</b> – introduction and basic technique of runs, throws and jumps<br/> <b>Dance/gym</b> – developing travel, using space, recognising a beat, working in pairs &amp; groups, basic choreography, balances, variety of styles<br/> <b>Striking &amp; Fielding</b> – basic batting and fielding skills</p> <p><b>BLP Skills Covered:</b> RESILIENCE- Absorption, managing distraction, noticing and perseverance. REFLECTIVENESS- Planning, Meta-Learning, Revising. RECIPROCITY- collaborating, Listening<br/>         RESCOURCefulNES- Questioning, making links, reasoning</p> | <p><b>Invasion games</b> – advancing skills and developing knowledge of rules. Develop tactics to outwit opponent<br/> <b>OAA</b> – advancing orienteering and map based activities<br/> <b>Net games</b> – knowledge of game structure and rules, developing serves and umpiring skills<br/> <b>Athletics</b> – developing technique to improve outcomes, officiating, timing and measuring<br/> <b>Dance/gym</b> – advancing choreography skills, more focused styles of dance, critiquing, introduction to lifts/vaulting<br/> <b>Trampolining</b> – basic shapes and twists, linking movements, front and back landings<br/> <b>Striking &amp; Fielding</b> – game structure, developing tactics, full rules</p> <p><b>BLP Skills Covered:</b> RESILIENCE- Absorption, managing distraction, noticing and perseverance. REFLECTIVENESS- Planning, Meta-Learning, Revising. RECIPROCITY- collaborating, Listening<br/>         RESCOURCefulNES- Questioning, making links, reasoning</p> | <p><b>Preparation for KS4</b> – principles of training, reasons to take part in sport, leadership, leading sport activity, human body<br/> <b>Invasion games</b> – leadership and coaching, officiating games, advanced techniques, set plays<br/> <b>Net games</b> – service, full court games, volleying (tennis) and smashing<br/> <b>Dance</b> – specific styles of dance linking to BTEC Dance specification<br/> <b>Trampolining</b> – advanced combinations and rotations<br/> <b>Striking &amp; Fielding</b> – regulations linked to BTEC Sport, advanced tactics, team set up.<br/> <b>Athletics</b> – developing technique to improve outcomes, officiating, timing and measuring</p> <p><b>BLP Skills Covered:</b> RESILIENCE- Absorption, managing distraction, noticing and perseverance. REFLECTIVENESS- Planning, Meta-Learning, Revising. RECIPROCITY- collaborating, Listening, Interdependence<br/>         RESCOURCefulNES- Questioning, making links, reasoning</p> | <p><b>PE</b><br/> <b>BTEC Sport</b><br/> <b>BTEC H&amp;S Care</b><br/> <b>Core PE</b></p> |
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| Arts | Art | <p><b>Themes:</b><br/>People T1, Things T2, Places T3</p> <p><b>Artist Research:</b><br/>Cave Art, Bosch, Burton, Callesen, Cezanne, Lowry, Spencer</p> <p><b>Inspiration:</b><br/>Formal elements, Nature, Buildings</p> <p><b>Experimentation - skills:</b><br/>Drawing materials, painting, clay, paper cutting, mono-printing</p> <p><b>Final ideas:</b><br/>Clay model, Paper cut / Collage work, Mono-printing</p> <p><b>BLP:</b><br/>Making links – Artist research<br/>Questioning<br/>Imagining<br/>Capitalising<br/>Planning – PAPER CUT OUT<br/>Noticing<br/>Perseverance – PAPER CUTTING<br/>Absorption<br/>Distilling<br/>Meta Learning<br/>Interdependence<br/>Empathy and Listening<br/>IMITATION – SHOWING GOOD PRACTICE (GOOD EXAMPLES OF WORK)<br/>REASONING – OWN OPINION</p> | <p><b>Themes:</b><br/>People T1, Things T2, Places T3</p> <p><b>Artist Research:</b><br/>Peyton, Joly, MC Martin, Banksy, Surrealism, Dali, Friedrich</p> <p><b>Inspiration:</b><br/>Portraits, Man-made objects, Fantasy, Weather, Landscape</p> <p><b>Experimentation - skills:</b><br/>Painting, 3D card sculpture, block printing</p> <p><b>Final ideas:</b><br/>Watercolour painting, 3D card sculpture, block printing</p> <p><b>BLP:</b><br/>Making links – Artist research<br/>Questioning<br/>Imagining<br/>Capitalising<br/>Planning – FINAL PIECE<br/>Noticing<br/>Perseverance<br/>Absorption<br/>Distilling<br/>Meta Learning<br/>Interdependence<br/>Empathy and Listening<br/>IMITATION – SHOWING GOOD PRACTICE (GOOD EXAMPLES OF WORK)<br/>REASONING – OWN OPINION<br/>Empathy and Listening Learning – LISTENING TO OTHER PEOPLES OPINIONS<br/>Managing distraction – making sure work is completed on time</p> | <p><b>Themes:</b><br/>People T1, Things T2, Places T3</p> <p><b>Artist Research:</b><br/>Courbet, Kahlo, Slinkachu, P Morgan, Designers selection - Pellacraft</p> <p><b>Inspiration:</b><br/>Self, Interesting and unusual objects, Miniature, Branded items</p> <p><b>Experimentation - skills:</b><br/>Drawing materials, mixed media, painting, photography, design process</p> <p><b>Final ideas:</b><br/>Mixed media acrylic painting, Photography, Design sheets</p> <p><b>BLP:</b><br/>Making links – Artist research<br/>Questioning<br/>Imagining<br/>Capitalising<br/>Planning – FINAL PIECE/ MINIATURE WORLD<br/>Noticing<br/>Perseverance<br/>Absorption<br/>Distilling<br/>Meta Learning<br/>Interdependence<br/>Empathy and Listening<br/>IMITATION – SHOWING GOOD PRACTICE (GOOD EXAMPLES OF WORK)<br/>REASONING – OWN OPINION<br/>Empathy and Listening Learning – LISTENING TO OTHER PEOPLES OPINIONS<br/>Managing distraction – making sure work is completed on time – Pellacraft</p> | <p><b>Art</b><br/><b>Photography</b><br/><b>Music</b></p> |
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| Music | <p>Performing and composing using notation: Graphic scores, standard notation and dynamic markings.<br/>Time signatures.<br/>Melody/chord performances.<br/>Musical formal elements.<br/>Musical forms and structures.<br/>Popular music ensembles.<br/>Instrument identification and classification.<br/>World Music: samba, gamelan and ragas.<br/>BLP: Perseverance, absorption, noticing, making links, questioning, capitalising, reasoning, meta-learning, distilling, revising, inter-dependence, collaboration, empathy, imitation</p> | <p>Performance from notation:<br/>Theme and variation form.<br/>Introduction to the orchestra and Baroque music.<br/>Blues and Jazz: origins, historical context and influence.<br/>Bass clef.<br/>Performing 12 bar blues.<br/>Improvisation.<br/>Jazz structure and performance.<br/>Development of rock n roll and popular music.<br/>Ukulele performance.<br/>BLP: BLP: Perseverance, absorption, noticing, making links, questioning, capitalising, reasoning, meta-learning, distilling, revising, inter-dependence, collaboration, empathy, imitation</p> | <p>Orchestral evolution and landmarks: Baroque, Classical, Romantic and Modern: Performance, appraisal and contextual understanding.<br/>Cover versions: pop music ensemble skills and musical interpretation.<br/>Film and descriptive music appraisal and composition. Chromaticism.<br/>Song writing: composition, structure, chord/scale relationships.<br/>Computer music production: making music with Garage Band and/or Musescore<br/>BLP: Perseverance, absorption, noticing, making links, questioning, capitalising, reasoning, meta-learning, distilling, revising, inter-dependence, collaboration, empathy, imitation</p> |  |
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| <p>Tech</p> | <p><u>Food – Skills</u><br/>Health and safety, basic hygiene, basic cooking skills, measuring and weighing of ingredients, spellings of key words, chemical, physical, mechanical and biological raising agents.</p> <p><u>Textiles – Felt Phone Sock</u><br/>Felt making, design ideas, key words, health and safety, sewing on a button, applique, embroidery, pattern making, pattern cutting, sewing machine driving test, evaluation writing.</p> <p><u>Graphics – Mini adventure</u><br/>One point perspective drawing, Rendering material textures, aboriginal art themes, Design ideas, design annotation, spelling of key words, technical drawing, Construction of nets, application of 2d to 3D, Evaluation writing.</p> <p><u>Resistant Materials-Action Man</u><br/>Identify different types of tools and equipment and how use them correctly. Skills in how to file, drill shape, clean mild steel, marking and measuring out and join together by the Brazing process. Production flowchart, 2D 3D designing.</p> <p><u>Resistant Materials-Light project</u><br/>Design ideas 2D/3D sketching, production flowchart, Identify electrical components and how they work. Vacuum forming, sanding, drilling, soldering, marking and measuring out (mm).</p> | <p><u>Food – Eat well guide</u><br/>Eat well guide, washing pots paragraphs, calzone, shepherd’s pie, chicken curry, key words, health and safety, sausage roll, cheesecake, bacon and cheese turnovers, flour/pasta making experiment, lasagne, and evaluation.</p> <p><u>Textiles – Pencil case</u><br/>Pop art – history of and artists, repeat and half drop patterns, tie dye, sublimation printing, fibres and where they come from, threading and using a sewing machine, construction of pencil case.</p> <p><u>Graphics – Mood Light</u><br/>Computer aided design, 2D design tools, vectorise, contour, attach and delete part, mood lighting design for a client/theme, sketching ideas, review of ideas, evaluation writing.</p> <p><u>Resistant Materials- Pencil Box</u><br/>Types of woods identification flowchart on making process, designing of ideas logos, using 2D design tools CAD/CAM. Identify tools and equipment and how to use correctly marking and measuring out (mm). Lap joints, cutting, gluing, pinning, sanding.</p> <p><u>BLP Y8 Design and technology-</u><br/>Interdependence<br/>Absorption<br/>Managing Distraction<br/>Noticing<br/>Perseverance<br/>Planning<br/>Revising<br/>Questioning</p> | <p><u>Food – Food science</u><br/>Dextrinisation, caramelisation, gelatinisation, raising agents, coagulation, shortening, enzymic browning.</p> <p><u>Food – Shirebrook bake off</u><br/>Food safety, food provenance, nutrients, sensory analysis, food choice</p> <p><u>Textiles – Under the sea/ Architecture</u><br/>Pattern designs, block repeat patterns, half drop patterns, key words, designer research, printing technique samples, dying technique samples, continuous line drawing, blind drawing, mouth drawing, mark making, sublimation printing, final design plan, evaluation.</p> <p><u>Graphics – CAD/CAM</u><br/><u>Advanced CAD</u><br/>Advanced 2D design tools, working to scale, using dimensions, designing for clients, 3D drawing package, constructing final renders of storage solutions, houses, interior design, floorplan projection, Photoshop (PS) filters, PS livery for a sports car, PS life in a phone creating abstract realism. Evaluation writing.</p> <p><u>CAD/CAM Steam punk</u><br/>Drawing development using isometric projection, advanced 2D design skills using expert tools for precision, sustainability, designing for a film set, laminating plywood, using Jigs, painting skills, blending and decoupage and evaluation writing.</p> <p><u>Resistant Materials- Animal Habitat.</u></p> | <p>Resistant Materials<br/>Food<br/>Textiles<br/>Graphics (paper and card)</p> |
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|  | <p><u>BLP Y7 Design and technology-</u><br/>                 Interdependence<br/>                 Absorption<br/>                 Managing Distraction<br/>                 Collaboration<br/>                 Noticing<br/>                 Perseverance<br/>                 Questioning<br/>                 Reasoning<br/>                 Capitalising</p> | <p>Reasoning<br/>                 Capitalising<br/>                 Collaboration<br/>                 Listening and empathy</p> | <p>Brainstorm ideas on different types of animal habitat. Develop specifications of habitats, existing products research with ergonomics. Develop design ideas with measurements (mm). Use of CAD/CAM 2D design tools designing. Card model making, lap-joint, finger joints. Cutting shaping wood, woodscrews, nuts and bolts.</p> <p><u>BLP Y9 Design and technology-</u><br/>                 Interdependence<br/>                 Absorption<br/>                 Managing Distraction<br/>                 Noticing<br/>                 Perseverance<br/>                 Planning<br/>                 Revising<br/>                 Questioning<br/>                 Listening and empathy<br/>                 Collaboration<br/>                 Imagining<br/>                 Reasoning<br/>                 Capitalising</p> |  |
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| MFL | French  | <p><b>Modules covered:</b><br/>Greetings, Festivals/celebrations, Numbers, Alphabet, Months, Ages, Days of the week, Months, In my classroom, Colours, Brothers and Sisters, My family, Opinions, Free time activities, Animals, Personality/characteristics, Time, School subjects, Clothes/school uniform, Typical school day, French/British school life, Christmas traditions, Olympic Games, French speaking world, Weather, Haiku, Sports/opinions, Free time activities, Sport in French speaking countries, Literary extracts</p> <p><b>Skills practiced/acquired:</b> Listening, speaking, reading, writing, translation, interpreting, Growth Mindset, BLP</p> | <p><b>Modules covered (FRENCH):</b><br/>Animals, Large numbers, Colours, Hair/eyes, Physical descriptions, Family, Where you live, In my house, Food and drink, Typical breakfast, French traditions/celebrations, Jobs, Comparatives/descriptions, TV habits/shows, Free time, Last weekend, Preparing for a party, Shopping, Places in town, French food, A past trip to town, Shopping with quantities, Plans for next weekend, Making plans, Giving excuses, Ordering in a café, Countries, Future holiday plans, Weather, Travel and holidays, Future plans, Money</p> <p><b>Skills practiced/acquired:</b> Listening, speaking, reading, writing, translation, interpreting, Growth Mindset, BLP</p> | <p><b>Modules covered (FRENCH):</b><br/>Television, A trip to the cinema, Past routine, Reading habits, Plans for tomorrow, Future predictions, Future plans, Importance of languages, Body parts, Illnesses, Injuries, Healthy living, Giving advice, Comparing life now with childhood, Sport, Solving a crime, Tourist destinations, Travel plans, Reserving a hotel, Describing a sporting event, Education, Work, World issues, Rights and religion, Human rights activists</p> <p><b>Skills practiced/acquired:</b> Listening, speaking, reading, writing, translation, interpreting, Growth Mindset, BLP</p>                       | French<br>Spanish |
|     | Spanish | Not studied in Y7  | <p><b>Modules covered (SPANISH):</b><br/>Spanish speaking world, Alphabet, Greetings, In my bag, Numbers, Months, Dates, Colours, Opinions, Literary extracts, Christopher Columbus, The Americas, Larger numbers, Family life, Brothers and Sisters, Animals, Hair and Eyes, Physical descriptions, Character/Personality, Christmas in Spain, Free time, Sports, Likes and dislikes, Spanish sportspeople, Justifying opinions, Weather, Spanish speaking musicians, Hispanic culture, Comparatives, Social Media, Sport in Spain, Home/local area, Where you live, Your house, Spanish towns,</p>   | <p><b>Modules covered (SPANISH):</b><br/>Places in town, Describing where you go, Directions, Plans for the weekend, Pros/Cons of city/countryside, Imperfect tense, My town in the past, Spanish speaking cities, School subjects and opinions, Time, School timetable, My school, Extracurricular activities, Future plans, Spanish school life, Food and drink, Buying food in a market, Buying food and drink in a shop, Ordering in a restaurant, Healthy living, Clothes, Buying clothes in a shop, Describing what you will wear for a party, School uniform, A shopping trip, Describing local attractions, Holidays, Holiday</p> |                   |

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|  |  |  | <p>Selling/buying a house, My bedroom, My dream house, Household chores, Canary Islands, Spanish myths</p> <p><b>Skills practiced/acquired:</b> Listening, speaking, reading, writing, translation, interpreting, Growth Mindset, BLP</p> | <p>activities, Past holidays, Last year's holiday, Body parts, Illnesses, Buying things in a pharmacy, Healthy lifestyle</p> <p><b>Skills practiced/acquired:</b> Listening, speaking, reading, writing, translation, interpreting, Growth Mindset, BLP</p> |  |
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| <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Computing</p> | <p><b>Using IT</b> – basic school network; basic document management.<br/> <b>Computational thinking</b> – Problem solving; decomposition; abstraction; algorithms; pattern recognition; flowol.<br/> <b>Digital Responsibility</b> – grooming; masquerading; gaming; digital footprint.<br/> <b>Spreadsheets</b> – basic formulae and functions; replication; graphs; conditional formatting; data validation.<br/> <b>History of Computing</b> – ciphers; Boolean logic; binary; www<br/> <b>IT Systems</b> – hardware; software; input; process; output; storage.<br/> <b>Programming</b> – block based language using micro:bit; iteration; sequencing; selection.<br/> <b>Additional Skills covered:</b> basic word processing; touch typing; target audience; email; bias; researching using internet presentations; basic desktop publishing; presenting<br/> <b>BLP Skills covered:</b> making links with other subjects, perseverance, independence and collaboration</p> | <p><b>Using IT</b> – refresh school network; intermediate document management.<br/> <b>Computational thinking</b> – Intermediate Problem solving; decomposition; abstraction; algorithms; pattern recognition.<br/> <b>Digital Responsibility</b> – phishing; pharming; malicious software.<br/> <b>Databases - TBC</b><br/> <b>Data Representation</b> – intermediate binary (shift, addition, subtraction), sound and image.<br/> <b>IT Systems</b> – RAM, ROM, basic networking, building a PC, CPU.<br/> <b>Programming</b> – introduction to text based language using SMALL BASIC; iteration; sequencing; selection; variables; constants.<br/> <b>Additional Skills covered:</b> intermediate word processing; touch typing; target audience; email; bias; researching using internet presentations; basic desktop publishing; presenting.<br/> <b>BLP Skills covered:</b> making links with other subjects, perseverance, independence and collaboration</p> | <p><b>Using IT</b> – refresh school network; advanced document management.<br/> <b>Computational thinking</b> – Complex Problem solving; decomposition; abstraction; algorithms (searching and bubble sort) ; pattern recognition, flow charts and pseudo code.<br/> <b>Digital Responsibility</b> – data protection act; copyright; health and safety; computer misuse; revenge pornography.<br/> <b>Introduction to Business</b> – Marketing: Price; product; place; promotion.<br/> <b>Data Representation</b> – intermediate binary (shift, addition, subtraction), sound and image.<br/> <b>IT Systems</b> – intermediate CPU,<br/> <b>Programming</b> – Preparing for GCSE using text language PYTHON; iteration; sequencing; selection; variables; constants.<br/> <b>Additional Skills covered:</b> intermediate word processing; touch typing; target audience; email; bias; researching using internet presentations; basic desktop publishing; presenting.<br/> <b>BLP Skills covered:</b> making links with other subjects, perseverance, independence and collaboration</p> | <p><b>Computer Science</b><br/> <b>BTEC IT Business</b></p> |
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KS3 Curriculum Knowledge and Skills map

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| <p>PD</p> | <p><b>Topics covered –</b><br/>         Managing Change/Transition<br/>         Digital literacy<br/>         Introduction to Citizenship<br/>         Health<br/>         Drug Awareness<br/>         Introduction to Careers<br/>         Personal Safety</p> <p><b>Skills:</b><br/>         Decision making<br/>         Communication/presentation<br/>         Collaboration<br/>         Managing friendships<br/>         Digital skills (keeping self safe)</p> | <p><b>Topics covered –</b><br/>         Learning to Learn<br/>         Relationships<br/>         Citizenship – Prison day<br/>         Debate<br/>         Careers – work/life balance<br/>         Mental health<br/>         Drugs/Alcohol<br/>         Family<br/>         STEM Challenge</p> <p><b>Skills:</b><br/>         Resilience, positive mindset<br/>         Recognising positive and negative relationship behaviours<br/>         Listening and presenting<br/>         Managing own mental wellbeing<br/>         Enterprise skills – collaboration, creativity, working to deadlines</p> | <p><b>Topics covered –</b><br/>         Financial capability<br/>         Relationships and Sex education<br/>         Enterprise<br/>         Careers<br/>         Exam preparation<br/>         Citizenship – government and democracy<br/>         Citizenship – British Values<br/>         Preparing for KS4<br/>         Industry Day</p> <p><b>Skills:</b><br/>         Communication – verbal/written<br/>         Decision making – financial/careers/options<br/>         Revision skills<br/>         Managing adolescent/adult relationships<br/>         Resilience</p> | <p><b>PD topics Y10 –</b><br/>         Effective learning<br/>         Relationships/Sex<br/>         Gov/Politics<br/>         Work experience<br/>         British Values (focus on hate crime)<br/>         Health/wellbeing<br/>         Talk the Talk (communication skills)</p> <p><b>PD topics Y11 –</b><br/>         Careers/Post 16<br/>         Health<br/>         Transition to adult life</p> |
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