## Longfield Academy Curriculum Overview

|           |                   | Core Subjects –  | The 'Basics'  |   | Core Subjects   |  |  | EBACO   | C & Facilitating Subject  | S  | Foundation Subjects  |   |  |  |
|-----------|-------------------|--|---|---|---|--|--|---|---|--|--|---|--|--|
|           |                   | English Language &<br>Literature   | Maths   | Science   | PE  | Life   | Spanish  | History   | Geography   | Computing  | Music  | Art   | Design<br>Technology   |  |
|           | Half<br>Term<br>1 | Spy Fiction: Reading<br>of 'Stormbreaker'  | Sequences<br>Understand and<br>use algebraic<br>notation<br>Equality and<br>equivalence   | Structure and function<br>of living organisms -<br>Cells and organisation<br>Introduction to<br>chemistry and<br>Reproduction -<br>Reproduction in plants | Rotation: Fitness,<br>netball, basketball,<br>swimming, rugby,<br>football                          | Belonging:<br>Importance of<br>religion<br>The UK as a<br>Multi-Faith<br>Society | Introducing<br>myself                              | Who are the<br>British?                                 | Continents and<br>oceans<br>Human and physical<br>geography<br>Characteristics of hot<br>and cold<br>environments<br>Impacts of tourism   | Online communication<br>Keeping safe<br>Conducting yourself  | Rock School:<br>What music<br>means to you and<br>where it started,<br>the origins of Jazz | Formal<br>elements<br>Paper<br>sculpture<br>Photography | Food:<br>Hygiene rules<br>Knife safety   |  |
|           | Half<br>Term<br>2 | Spy Fiction: Creative<br>Writing   | Place value and<br>ordering integers<br>and decimals<br>Fractions,<br>decimals and<br>percentage<br>equivalence   | The particulate nature in<br>matter - The particle<br>model<br>Electricity and<br>electromagnetism -<br>Voltage and current                               | Rotation: Basketball,<br>hockey, rugby,<br>swimming, football,<br>badminton                         | Expression:<br>Religious<br>clothing<br>Rites of<br>passage                      | Presenting<br>other people                         | How did the<br>Normans<br>invade?                       | Countries in UK and<br>The British Isles<br>Human and physical<br>geography of The<br>British Isles<br>Topography, grid<br>references, scale<br>and distance on OS<br>maps<br>Longitude and<br>latitude | Produce professional<br>documentation<br>Advanced text editing<br>tools such as tables, auto<br>contents, mail merge etc.  | Music through<br>time: The<br>modern-day<br>orchestra and<br>Early Music                   | Formal<br>elements<br>Paper<br>sculpture<br>Photography | Cooker safety<br>Key critical<br>temperatures<br>Healthy eating<br>Eatwell guide   |  |
| Year<br>7 | Half<br>Term<br>3 | Global Issues:<br>Reading, non-fiction<br>texts  | Solve problems<br>with addition and<br>subtraction<br>Solve problems<br>with multiplication<br>and division<br>Fractions and<br>percentages of<br>amounts | Forces and motion –<br>Speed<br>Pure and impure<br>substances -Separating<br>mixtures   | Rotation: Outdoor<br>adventures, cross<br>country, rugby,<br>football, fitness,<br>swimming, hockey | Religion and<br>Society<br>Holy books /<br>scriptures<br>Parables                | My school and studies                              | How did<br>William<br>change<br>England?                | Fluvial processes<br>Characteristics of<br>waves<br>Landforms in the<br>coastal environment<br>Engineering<br>strategies to manage<br>coastal processes   | Program<br>Sub program<br>Shape calculations with<br>variables to create a<br>drawing of a house.<br>OR<br>Create a program with<br>sub programs to create a<br>number of interactive<br>playable games. | World music:<br>British culture and<br>Egypt   | Landscape<br>Perspective<br>Paining                     | Product Design:<br>Pattern seeking<br>Health and safety<br>Manufacturing<br>processes<br>Textile Tools<br>Running stitch and<br>back stitch<br>Materials: textiles<br>Presentation and |  |
|           | Half<br>Term<br>4 | Global Issues:<br>Transactional<br>Writing   | Operations and<br>equations with<br>directed numbers<br>Addition and<br>subtraction of<br>fractions   | Inheritance,<br>chromosomes DNA and<br>genes – Variation<br>Chemical reactions -<br>Acids and alkali  | Rotation: Badminton,<br>fitness, outdoor<br>adventure, cross<br>country, dance, gym                 | Prophets:<br>Adam and Eve<br>Genesis<br>Prophets and<br>revelation               | Where I live                                       | What was<br>Medieval life<br>like (Political)?          | Earth's structure<br>Plate boundaries<br>Convection currents<br>Natural hazards<br>Earthquakes  | Flowchart<br>Sub program<br>with variables to create<br>an interactive playable<br>game.<br>Learning about inputs,<br>decisions and outputs.   | Rock school: Jazz<br>and the Blues   | Landscape<br>Perspective<br>Paining                     | design ideas<br>Client specification<br>Evaluation of<br>different art styles<br>Oblique Drawing<br>projection and<br>textile rendering<br>Product evaluation                          |  |
|           | Half<br>Term<br>5 | Children in Literature:<br>Study of a range of<br>fiction / non-fiction<br>texts, poetry and plays           | Constructing<br>measuring and<br>using geometric<br>notation<br>Developing<br>geometric<br>reasoning  | Space physics - The<br>solar system<br>Earth and atmosphere -<br>Climate  | Rotation: tennis,<br>athletics, cricket,<br>dance, gym,<br>rounders                                 | Growing up<br>Healthy<br>relationships   | Holidays   | What was<br>Medieval life<br>like (Social)?             | Plate boundaries<br>Volcanoes: types,<br>eruptions and living<br>with   | Shape calculations with<br>variables to make the<br>grabber game.<br>Movie Making<br>and editing with special<br>effects.  | Music through<br>time: Early Music<br>and the Baroque                                      | Experimental<br>Fish<br>Modelling<br>Creature<br>design | Engineering: BOT<br>Health and safety<br>Manufacturing<br>processes<br>Woodwork Tools<br>Materials: Timbers  |  |
|           | Half<br>Term<br>6 | Literature: 'Holes'<br>Study of the whole<br>text, with a focus on<br>character<br>development and<br>themes | Developing<br>number sense<br>Sets and<br>probability<br>Prime numbers<br>and proof   | Waves- Sound waves<br>Reproduction -<br>Reproduction in<br>humans   | Rotation: Cricket,<br>rounders, tennis,<br>softball, dance, gym                                     | Sources of<br>authority:<br>Religious<br>traditions<br>Church<br>traditions      | Cultural<br>capital –<br>festivals<br>across Spain | Who was the<br>most<br>significant<br>Tudor<br>Monarch? | Globalisation<br>Impacts of TNCs –<br>social, economic,<br>environmental and<br>political<br>Globalisation in<br>Darlington   | Movie making and<br>editing.<br>Knowledge of pan and<br>zoom, fading, overlays,<br>transitions, chroma key,<br>text effects and more.  | World music:<br>British culture and<br>the music of Africa                                 | Experimental<br>Fish<br>Modelling<br>Creature<br>design | Presentation and<br>design<br>Client specification<br>Isometric Drawing<br>projection and<br>timber rendering<br>Product evaluation  |  |

|      |                   | Core Subje<br>'Bas   |   | Co  | re Subjects  |   |  | EBACC & Fa  | cilitating Subjec  | ts  | Foundation Subjects   |   |  |  |
|------|-------------------|--|---|---|--|---|--|---|--|---|---|---|--|--|
|      |                   | English<br>Language &<br>Literature  | Maths   | Science   | PE   | Life  | Spanish                                  | History   | Geography  | Computing   | Music   | Art   | Design<br>Technology   |  |
|      | Half<br>Term<br>1 | Gothic Fiction:<br>Reading of<br>'Coraline'  | Ratio and scale<br>Multiplicative<br>change<br>Multiplying and<br>dividing<br>fractions                           | Waves - Light waves.<br>The periodic table and<br>materials - Mendeleev<br>principles and reactivity<br>Structure and function of<br>living organisms - The<br>skeletal and muscular<br>systems | Rotation: Swimming,<br>netball, basketball,<br>badminton, football,<br>rugby, hockey                 | Worship at<br>home Places<br>of worship   | My free time<br>activities               | The British Empire:<br>To what extent did it<br>bring progress?                           | Water cycle<br>Fluvial processes<br>River landforms<br>Engineering<br>strategies to<br>manage flooding | HTML and Web Page<br>Design using TAGS.<br>Understanding how to<br>produce linked pages<br>to form a help page on<br>producing a website.   | Rock school:<br>The Blues and<br>1950's Rock<br>and roll                | Portraits<br>Drawing<br>from life<br>Photography<br>Photoshop | Food:<br>Nutrients: functions,<br>food sources,<br>excess/deficiency<br>Functions of ingredient<br>in bread making (yeast,<br>CO2, fermentation)<br>Functions of                       |  |
|      | Half<br>Term<br>2 | Gothic Fiction:<br>Creative Writing  | Working in the<br>cartesian plane<br>Representing<br>data<br>Tables and<br>probability                            | Energy changes and<br>transfers<br>Structure and function of<br>living organisms - Nutrition<br>and digestion   | Rotation: Basketball,<br>hockey, swimming,<br>football, badminton,<br>rugby                          | Festivals of<br>Light<br>Chrisitan<br>Festivals over<br>time                    | Technology<br>and hobbies                | The British Empire: To<br>what extent did it bring<br>progress?                           |  | Spreadsheets with<br>formulas, graphs and<br>charts.<br>Creating Add, Subtract,<br>Multiply, Divide,<br>Average and IF<br>Statements.<br>Creating Pie, Bar,<br>Column, Line charts<br>and graphs. | Music through<br>time: The<br>Baroque and<br>Classical<br>Periods       | Portraits<br>Drawing<br>from life<br>Photography<br>Photoshop | ingredients in pastry<br>making (shortening)<br>Functions of<br>ingredients in batter<br>mixture (aeration)<br>Functions of<br>ingredients in<br>sauce/curd making<br>(gelatinisation) |  |
| Year | Half<br>Term<br>3 | Social Media:<br>Reading, non-<br>fiction texts  | Brackets<br>equations and<br>inequalities<br>Sequences<br>Indices   | Structure and function of<br>living organisms – Health<br>Electricity and<br>electromagnetism –<br>Resistance   | Rotation: Swimming,<br>football, fitness,<br>rugby, hockey   | Pilgrimage in<br>Abrahamic<br>Religions<br>Pilgrimage in<br>Indian<br>Religions | Organising<br>outings                    | Britain, the slave<br>trade and the<br>industrial revolution,<br>was progress<br>tainted? | History of Africa<br>Biomes in Africa<br>Urban<br>opportunities<br>Challenges in the<br>Horn of Africa | Program using code,<br>including Input,<br>Variables<br>IF statements.<br>Creating a quiz with a<br>scoring system and<br>feedback.   | World music:<br>British culture<br>and China                            | Text in Art<br>Stencil<br>Graffiti<br>Collage                 | Product design: forging<br>animals<br>Health and safety<br>Manufacturing<br>processes<br>Metal work Tools  |  |
| 8    | Half<br>Term<br>4 | Social<br>Responsibility:<br>Transactional<br>Writing  | Fractions and<br>percentages<br>Standard index<br>form<br>Number sense  | Atoms, elements and<br>compounds - Elements and<br>compounds<br>Electromagnets and<br>magnetism – Magnetism   | Rotation: Badminton,<br>rugby, swimming,<br>fitness, outdoor<br>adventures, cross<br>country, hockey | Rites of<br>Passage:<br>Marriage and<br>Growing Up                              | My food<br>habits                        | Equality in America –<br>The Civil Rights<br>Movement                                     | Population<br>increase and<br>control<br>Migration   | Understand the internal<br>components of a<br>computer and the<br>external ports.<br>Upgrade a computer,<br>replace faulty parts,<br>external devices and<br>install software.                    | Rock school:<br>1950's Rock<br>and roll and<br>1960's popular<br>music  | Text in Art<br>Stencil<br>Graffiti<br>Collage                 | Plastic work tools<br>Material: metal<br>Material: plastics<br>Material properties<br>Environmental impact<br>Client specification.<br>Product evaluation                              |  |
|      | Half<br>Term<br>5 | Literature from<br>other cultures:<br>Reading<br>Study of a range<br>of poems, diverse<br>voices | Angles in<br>parallel lines<br>and polygons<br>Area of trapezia<br>and circles<br>Line symmetry<br>and reflection | Earth and atmosphere -<br>Earth structure<br>Energy - Calculation of fuel<br>uses and costs   | Rotation: Athletics,<br>rounders, tennis,<br>softball  | Keeping Safe:<br>RSE and<br>Safety  | Health habits                            | The Development of<br>Voting Rights in the UK   | Extreme weather<br>types and<br>consequences   | Internal and external<br>computer parts.<br>Animation<br>Creating a gif<br>animation of a sailing<br>boat.  | Music through<br>time: The<br>Classical and<br>Romantic<br>Periods      | Masks<br>Cutout Relief<br>Character<br>design                 | Engineering: Storing<br>possessions<br>Health and safety<br>Manufacturing<br>processes<br>Woodwork Tools<br>Material: timber<br>Material: plastics                                     |  |
|      | Half<br>Term<br>6 | Shakespeare's<br>'Romeo and<br>Juliet': Reading  | The data<br>handling cycle<br>Measures of<br>location   | Interactions and<br>interdependencies –<br>Interdependence<br>STEM Project - Pollution<br>and sustainability  | Rotation: Softball,<br>tennis, cricket   | Crime: Drugs<br>and Alcohol,<br>Gang Crime                                      | Daily routine<br>and cultural<br>capital | Hidden Figures in<br>History  | Climate in the<br>Middle East<br>Mineral extraction<br>Hot deserts<br>Impacts of<br>tourism            | Animations and<br>animation types<br>including timings.<br>Creating automatically<br>run animation suitable<br>for the web.   | World music:<br>British culture<br>and the music<br>of South<br>America | Masks<br>Cutout Relief<br>Character<br>design                 | Application of wood<br>joints<br>Use of modelling<br>software<br>Use of cad CAM<br>Client specification.<br>Product evaluation   |  |

|          |                   | Core Subjects -   | The 'Basics'   |   | Core Subjects  |   |  | EBACC & Fa                                | acilitating Subject   | S   | Foundation Subjects  |   |  |  |
|----------|-------------------|---|--|---|--|---|--|---|---|---|--|---|--|--|
|          |                   | English<br>Language &<br>Literature                       | Maths  | Science   | PE   | Life  | Spanish  | History                                   | Geography   | Computing   | Music  | Art   | Design<br>Technology   |  |
|          | Half<br>Term<br>1 | Dystopian Fiction:<br>Reading of 'Daz 4<br>Zoe'           | Straight line<br>graphs<br>Forming and<br>solving<br>equations<br>Testing<br>conjectures | Material cycles and<br>energy - Cellular<br>respiration and<br>photosynthesis<br>Waves - Observed<br>waves, energy and<br>waves.<br>Chemical reactions -<br>Metals and non-metals                                   | Rotation:<br>Swimming, netball,<br>basketball, football,<br>fitness, rugby,<br>netball       | Nature of God: Is<br>God Knowable?<br>Is God<br>Immanent?         | What I usually<br>do in my spare<br>time                                 | The interwar<br>years and its<br>impact   | Spatial patterns of<br>crime<br>Causes of crime<br>and conflict<br>Preventing<br>development  | Databases looking at<br>fields, records, tables,<br>form, buttons, queries,<br>reports, and macros.<br>Creating a database<br>and performing queries<br>which display the<br>correct results. | Rock school:<br>1960's popular<br>music and<br>genres today                      | Exploring<br>animals<br>Life Drawing<br>Wire sculpture                          | Food:<br>Define the term cuisir<br>Origins of dishes<br>Food provenance<br>(grown, reared, caugh<br>Identify food from   |  |
|          | Half<br>Term<br>2 | Dystopian Fiction:<br>Creative Writing                    | Three<br>dimensional<br>shapes<br>Construction<br>and<br>congruency<br>Numbers           | Genetics and<br>Evolution- Inheritance,<br>chromosomes, DNA<br>and Gene<br>Energy changes and<br>transfers -Heating and<br>cooling.<br>Forces - Contact<br>forces, balanced and<br>unbalanced forces and<br>gravity | Rotation:<br>Basketball,<br>football, swimming,<br>netball, badminton,<br>hockey             | Is God Just?<br>Evil and<br>Suffering.                            | Media (tv, film,<br>reading) then<br>past and present<br>sporting habits | Hitler and the<br>Rise of the Nazi        | Measuring<br>development<br>Causes of uneven<br>development<br>Consequences of<br>uneven<br>development<br>Reducing the<br>development gap                        | Interactive Touch<br>Screen Kiosk System<br>Interaction, images,<br>sound, accessibility,<br>and animation.<br>Creating a range of<br>buttons and interactive<br>elements.                    | Music through<br>time: The<br>Romantic<br>Period and the<br>Twentieth<br>Century | Exploring<br>animals<br>Life Drawing<br>Wire sculpture                          | certain seasons<br>Advantages/<br>Disadvantages of<br>seasonality<br>Researching suitable<br>recipes to meet a brie  |  |
| ear<br>9 | Half<br>Term<br>3 | Extreme<br>Experiences:<br>Reading, non-<br>fiction texts | Using<br>percentages<br>Maths and<br>money<br>Deductions                                 | Genetics and evolution<br>– Biodiversity<br>Chemical reaction and<br>energetics - Types of<br>reactions and<br>exo/endothermic  | Rotation:<br>Swimming, fitness,<br>hockey, rugby,<br>football                                | Creation and the environment                                      | Who I do<br>activities with<br>and how I get on<br>with them             | Hitler and the<br>Rise of the Nazi        | Characteristics of<br>tropical rainforests<br>Plant and animal<br>adaptation<br>Consequences of<br>deforestation<br>Sustainable<br>management of<br>deforestation | Produce a program<br>using code<br>Variable<br>IF statement, decision<br>making, loops and<br>saving to an external<br>file.<br>Adding feedback, the<br>ability to save to the<br>quiz.       | World music:<br>British culture<br>and world music<br>influence                  | Still life<br>Painting<br>Photography<br>3D design                              | Product design: light<br>box<br>Health and safety<br>Manufacturing proces<br>Electronic Tools<br>Electrical circuits<br>2D Design modelling<br>software<br>Use of CAD CAM<br>Working with multiple |  |
|          | Half<br>Term<br>4 | Homelessness:<br>Transactional<br>Writing                 | Rotation and<br>translation<br>Pythagoras<br>theorem                                     | Earth and atmosphere<br>- Earths resources<br>Pressure in fluids and<br>Forces – Work   | Rotation:<br>Badminton, rugby,<br>swimming, fitness,<br>cross country,<br>outdoor activities | Equality in<br>Worldwide<br>Religion.<br>PREVENT and<br>Extremism | My timetable,<br>school facilities<br>and uniform                        | The Holocaust                             | Rural to urban<br>migration<br>Opportunities and<br>challenges linked<br>to urbanisation<br>Greenfield and<br>brownfield sites                                    | Understand how a<br>computer uses Binary.<br>Count in binary<br>Perform calculations in<br>binary.  | Rock school:<br>Genres today<br>and where they<br>began                          | Still life<br>Painting<br>Photography<br>3D design                              | materials to produce<br>final product<br>Writing a design<br>specification<br>Evaluating against a<br>design specification<br>identifying how to<br>improve the next<br>product.                   |  |
|          | Half<br>Term<br>5 | Conflict poetry:<br>reading                               | Enlargement<br>and similarity<br>Solving ratio<br>and proportion<br>problems<br>Rates    | Bridging Unit 1 - Cell<br>Biology<br>Bridging Unit 1 -<br>Energy  | Rotation: Athletics,<br>rounders, tennis,<br>softball  | The Holocaust:<br>Anti-Semitism                                   | Comparing<br>teachers and<br>discussing rules                            | Conflict after the<br>Second World<br>War | Human and natural<br>causes of climate<br>change<br>Consequences of<br>climate change<br>Adaptation and<br>mitigation<br>Sustainability                           | Digital Graphics<br>Editing, looking at<br>Manipulating and<br>exporting images.<br>Understanding Raster<br>and Vector  | Music through<br>time: The<br>Twentieth<br>Century and<br>music through<br>time  | Abstract art<br>Exploring<br>music<br>Drawing<br>machine<br>Independent<br>work | Engineering: Automat<br>Health and safety<br>Manufacturing proces<br>2D Design modelling<br>software<br>Use of CAD CAM   |  |
|          | Half<br>Term<br>6 | Shakespeare's<br>'The Merchant of<br>Venice: Reading'     | Probability<br>Algebraic<br>graphs   | Bridging Unit 2 –<br>Organisation<br>Bridging Unit 2 - Atomic<br>Structure  | Rotation: Cricket,<br>tennis, rounders,<br>softball  | Responses to the<br>Holocaust. And<br>Genocide Today              | World of work<br>and future plans  | Conflict after the<br>Second World<br>War | Biomes<br>The history of<br>Russia<br>Human and<br>physical features<br>Natural resources   | Manipulate images<br>Raster and Vector.<br>Creating a portfolio of<br>work.   | World music:<br>British culture<br>and world music<br>influence                  | Abstract art<br>Exploring<br>music<br>Drawing<br>machine<br>Independent<br>work | <ul> <li>Mechanical Devices<br/>Writing a design<br/>specification</li> <li>Evaluating against a<br/>design specification<br/>identifying how to<br/>improve the next<br/>product.</li> </ul>      |  |

|     |                | Core Subjects -   | - The 'Basics'  |  |                                | Core Subjects            |  |                             | EBA                          | CC & Facilitating Su                        | ıbjects                              |
|-----|----------------|---|---|--|--------------------------------|--------------------------|--|-----------------------------|------------------------------|---|--------------------------------------|
|     |                | English Language &<br>Literature                                    | Mathematics   | PE   | Life                           | Biology                  | Chemistry  | Physics                     | Spanish                      | History                                     | Geography                            |
|     | -i             | AQA   | Edexcel   | AQA  |                                | AQA                      | AQA  | AQA                         | AQA                          | Edexcel                                     | AQA                                  |
|     | Half<br>Term 1 | English Language Paper 1:<br>Explorations in Creative Writing       | Congruence similarity and<br>enlargement<br>Trigonometry  | Rotation: Invasion<br>games, net/wall games,<br>pool, fitness  | Safe<br>Relationships          | Organisation             | Atomic structure and the periodic table          | Electricity                 | Holidays I have been on      | Superpower relations and the war 1941-91    | The changing<br>economic world       |
|     | Half<br>Term 2 | 19 <sup>th</sup> Century Novel: A<br>Christmas Carol                | Representing solutions to<br>equations and inequalities<br>Simultaneous equations<br>Angles and bearings        | Rotation: Invasion<br>games, net/wall games,<br>pool, fitness  | Abortion and<br>Medical Ethics | Infection and response   | Bonding, structure, and the properties of matter | Energy                      | Future holidays              | Superpower relations<br>and the war 1941-91 | The changing<br>economic world       |
|     | Half<br>Term 3 | English Language Paper 2:<br>Writers' Viewpoints and<br>Perspective | Working With circles<br>Vectors<br>Ratio and fractions  | Rotation: Invasion<br>games, net/wall games,<br>pool, fitness  | Finance and<br>Employment      | Bioenergetics            | Quantitative chemistry                           | Forces                      | Home                         | Superpower relations and the war 1941-91    | The living world                     |
| Y10 | Half<br>Term 4 | Unseen Poetry   | Percentages and interest<br>Probability   | Rotation: Invasion<br>games, net/wall games,<br>pool, fitness  | UK Politics                    | Homeostasis and response | Chemical changes                                 | Forces                      | Neighbourhood                | Weimar and Nazi<br>Germany, 1918 -<br>1939  | The challenge of resource management |
|     | Half<br>Term 5 | Modern Drama: 'An Inspector<br>Calls'                               | Collecting, representing and<br>interpreting data<br>Non calculator methods<br>Types of number and<br>sequences | Rotation: Tennis,<br>Athletics, striking and<br>fielding games | International<br>Politics      | Homeostasis and response | Energy changes                                   | Particle Model<br>of Matter | Social and global<br>issues  | Weimar and Nazi<br>Germany, 1918 -<br>1939  | Physical landscapes in the UK        |
|     | Half<br>Term 6 | Power and conflict poetry<br>Speaking and listening                 | Indices and roots<br>Manipulating expressions   | Rotation: Tennis,<br>Athletics, striking and<br>fielding games | Crime and<br>Punishment        | Ecology                  | The rate and extent of chemical change           | Atomic<br>structure         | Theme 2 speaking preparation | Early Elizabethan<br>England, 1558 - 1588   | Fieldwork                            |

|     |                | Core Subjects – The 'E   | asics'   |   |   | Core Subjects                              |   |                                | EBACC & Facilitating Subjects          |  |                                     |  |  |
|-----|----------------|--|--|---|---|--|---|--------------------------------|--|--|-------------------------------------|--|--|
|     |                | English Language & Literature  | Mathematics  | PE  | Life                                      | Biology                                    | Chemistry   | Physics                        | Spanish                                | History                                  | Geography                           |  |  |
|     |                | AQA  | Edexcel  | AQA   |   | AQA  | AQA   | AQA                            | AQA                                    | Edexcel                                  | AQA                                 |  |  |
|     | Half<br>Term 1 | Shakespeare's 'Macbeth'  | Gradients and lines<br>Non-linear graphs<br>Using graphs                             | Rotation: Invasion<br>games, net/wall games,<br>pool, fitness | Post 16<br>Applications                   | Homeostasis and response                   | The rate and extent of chemical change            | Waves                          | World of work                          | Superpower relations and the war 1941-91 | The challenge of natural hazards    |  |  |
|     | Half<br>Term 2 | Mock exam revision<br>Language: deepening application<br>Literature: response construction   | Expanding and<br>factorising<br>Changing the<br>subject<br>Functions                 | Rotation: Invasion<br>games, net/wall games,<br>pool, fitness | Post 16<br>Applications and<br>Interviews | Ecology                                    | Organic chemistry<br>and Chemical<br>analysis     | Magnetism and electromagnetism | Future plans for studies and work.     | Superpower relations and the war 1941-91 | The challenge of<br>natural hazards |  |  |
|     | Half<br>Term 3 | Revision   | Multiplicative<br>reasoning<br>Geometric reasoning                                   | Rotation: Invasion<br>games, net/wall games,<br>pool, fitness | RSE Drop Down<br>Day                      | Inheritance,<br>Variation and<br>Evolution | Chemistry of the<br>atmosphere<br>Using resources | Waves                          | Theme 3 + 1<br>speaking<br>preparation | Medicine through<br>time 1250 - present  | Urban issues and challenges         |  |  |
| Y11 | Half<br>Term 4 | <ul> <li>Lessons are personalised to the individual needs of pupils in preparation for their final exams.</li> <li>These lessons are informed through analysis of mock exams, weekly KIPs and teacher knowledge.</li> <li>Individual class curricula roadmaps are created by the class teacher and shared</li> </ul> | Algebraic reasoning<br>Transforming and<br>constructing<br>Listing and<br>describing | Rotation: Invasion<br>games, net/wall games,<br>pool, fitness | Revision<br>techniques                    | Get Exam Ready<br>Paper 1                  | Get Exam Ready<br>Paper 1                         | Get Exam Ready<br>Paper 1      | Exam skills and consolidation          | Weimar and Nazi<br>German 1918-39        | lssue evaluation<br>and fieldwork   |  |  |
|     | Half<br>Term 5 | with pupils.   | Revision   | Rotation: Tennis,<br>striking and fielding<br>games           | Exam Stress<br>Well-being                 | Get Exam Ready<br>Paper 2                  | Get Exam Ready<br>Paper 2                         | Get Exam Ready<br>Paper 1      |  | Revision                                 | Revision                            |  |  |
|     | Half<br>Term 6 |  |  |   |   | Exams                                      |   |                                |  |  |                                     |  |  |

|     |                   |                                     |  |   |   |  |   |  | Options   |  |  |   |                               |  |  |
|-----|-------------------|-------------------------------------|--|---|---|--|---|--|---|--|--|---|-------------------------------|--|--|
|     |                   | Art                                 | Computer Science   | Design<br>Technology                              | Engineering   | Enterprise and<br>Marketing  | Graphics  | Health and<br>Social Care  | Food and<br>Cookery   | iMedia   | Music  | Photography                                     | RE                            | Sports Science   | Sports Studies   |
|     |                   | AQA                                 | OCR  | EDEXCEL   | NCFE  | OCR  | AQA   | OCR  | NCFE  | OCR  | BTEC   | AQA   | AQA                           | OCR  | OCR  |
|     | Half<br>Term<br>1 | Structures<br>Starting<br>Point     | 1.1 Systems Architecture<br>including: Architecture of the<br>CPU,<br>CPU Performance and<br>Embedded Systems.<br>Programming recap from<br>KS3  | Timbers and how we work with them                 | Engineering<br>Disciplines and<br>reading engineering<br>drawings | RO68 Learning to<br>design a business<br>proposal<br>TA1 Market<br>Research  | Starting Point                                  | R033: Growth and<br>development through<br>a life stage                          | Health & safety<br>relating to food,<br>nutrition and the<br>cooking<br>environment | RO93 Creative iMedia in the<br>media industry.<br>TA1- The Media Industry<br>including products, sectors and<br>jobs roles.<br>RO97 Learning to create a<br>media system including<br>Websites, Kiosk and Games.   | Component one:<br>Exploring musical<br>products and styles<br>LOA: Demonstrate an<br>understanding of<br>styles of music<br>LOB: Apply<br>understanding of the<br>use of techniques to<br>create music<br>Component two:<br>Musical skills<br>development.<br>LOB: Apply<br>development<br>processes for music<br>skills and techniques. | Starting Point                                  | Christianity<br>introduction  | R180 Different factors<br>which influence the risk<br>and severity of injury<br>R181 Components of<br>fitness applied in sport   | Issues which affect<br>participation in sport.<br>Provision for different<br>types of outdoor and<br>adventurous activities<br>in the UK.  |
|     | Half<br>Term<br>2 | Research<br>Artist study            | 1.2 memory and Storage<br>including: Primary and<br>Secondary Storage, Units of<br>storage, Data Storage and<br>Compression.<br>KS4 Programming  |   | CAD and hand<br>drawn engineering<br>drawing                      | RO68 How to<br>identify a customer<br>profile.<br>TA2 How to identify<br>a customer profile<br>TA3 Start to develop<br>a product proposal  | Research<br>Artist study<br>Basic<br>Photoshop  | R033: Impact of life<br>events   | Food legislation<br>and food<br>provenance  | RO97 Interactive Digital Media<br>Assignment:<br>TA1 Planning Digital Media,<br>creating logos, mind maps,<br>mood boards, wireframes etc.   | Component one:<br>LOA/LOB<br>Component two:<br>LOB Apply<br>development<br>processes for music<br>skills and techniques  | Research<br>Artist study<br>Basic<br>Photoshop  | Christianity<br>beliefs       | R180 Warm up and cool<br>down routines<br>R181 Principles of<br>training in sport  | The implications of<br>hosting a major<br>sporting event for a<br>city or country.<br>Equipment, clothing<br>and safety aspects of<br>participating in<br>outdoor and<br>adventurous activities.   |
|     | Half<br>Term<br>3 | Experiments<br>Life drawing         | <ul> <li>1.3 Networks, Connections<br/>and Protocols including<br/>Network Types, Network<br/>Topologies, Wired and<br/>Wireless Networks,<br/>Protocols and layers.</li> <li>2.2 Programming<br/>Fundamentals, Data types<br/>and techniques.</li> </ul>        | Materials and their properties                    | Applied maths in<br>Engineering and<br>Material properties        | RO68 Complete the<br>assignment to<br>design a business<br>proposal<br>TA3 Complete the<br>development of a<br>product proposal  | Layers Text                                     | R033: Research and<br>recommend individual<br>support to meet<br>individual need | Food groups, key<br>nutrients and a<br>balanced diet                                | RO97 Interactive Digital Media<br>Assignment<br>TA2 – Create the product<br>(website or kiosk system) and<br>creating animations, videos,<br>sounds and creating logos.  | Component one: mini<br>assessment.   | Framing<br>techniques                           | Christianity<br>practices     | R180 Different types<br>and causes of sporting<br>injuries<br>R181 Organising and<br>planning a fitness<br>training programme  | R184: The role of<br>sport in promoting<br>values.<br>R187: Plan for and be<br>able to participate in<br>an outdoor and<br>adventurous activity.<br>R187: Evaluate<br>participation in an<br>outdoor and<br>adventurous activity.  |
| Y10 | Half<br>Term<br>4 | Experiments<br>Printing<br>painting | <ul> <li>1.4 Network Security<br/>including threats to<br/>computer system and<br/>networks as well as<br/>identifying and preventing<br/>vulnerabilities.</li> <li>2.3 Producing Robust<br/>Programs including<br/>defensive design and<br/>testing.</li> </ul> | Core Content and<br>Lighting the world<br>project | Engineering tools<br>and production<br>planning                   | TA4 Review<br>whether a business<br>proposal is<br>financially viable.<br>TA5 Review the<br>likely success of the<br>business proposal.  | Photo-<br>manipulation                          | R032: Rights and settings  | Food groups, key<br>nutrients and a<br>balanced diet                                | Complete the RO97 Interactive<br>Digital Media Assignment.<br>TA3 – Evaluating the product<br>again the client brief and<br>suggest improvements.  | Component two: LOA<br>Demonstrate<br>professional and<br>commercial skills for<br>the music industry   | Photo-<br>manipulation                          | Islam beliefs                 | R180 Reducing risk,<br>treatment and<br>rehabilitation of sports<br>injuries and medical<br>conditions<br>R181 Evaluate own<br>performance in planning<br>and delivery of a fitness<br>training programme  | R184: The role<br>National Governing<br>Bodies (NGBs) play in<br>the development of<br>their sport.<br>R187: Plan for and be<br>able to participate in<br>an outdoor and<br>adventurous activity.<br>R187: Evaluate<br>participation in an<br>outdoor and<br>adventurous activity. |
|     | Half<br>Term<br>5 | Photography<br>trip                 | 1.5 System Software<br>including Operating Systems<br>and Utility Software.<br>2.4 Boolean Logic   | Core Content and<br>Lighting the world<br>project | Sustaining nature<br>project                                      | R067 Enterprise<br>and Marketing<br>Concepts<br>1. Characteristics<br>of Successful<br>Entrepreneurs<br>2. Potential<br>Rewards for Risk<br>Taking,<br>3. Potential<br>Drawbacks<br>R069 Learning to<br>market and pitch a<br>business proposal.<br>TA1 Develop a<br>brand identity to<br>target a specific<br>customer profile. | Digital<br>Drawing                              | R032: Person centred values.   | Factors affecting food choice   | RO94 Learn Digital Graphics<br>using graphics tables and<br>editing software to create logos<br>and digital products such as<br>graphical blogs, book covers,<br>games cover, posters etc.   | Component two:<br>LOA/LOB  | Producing an<br>outcome<br>independent<br>study | Islam<br>practices            | R180 Causes,<br>symptoms and<br>treatment of medical<br>conditions<br>R181 NEA   | R184: The use of<br>technology in sport.<br>R185: Key<br>components of<br>performance.<br>R185: Applying<br>practice methods to<br>support improvement<br>in a sporting activity<br>Teaching content.  |
|     | Half<br>Term<br>6 | Collage                             | 1.6 Impact of Digital<br>Technology including ethical<br>and legal impacts, cultural<br>and environmental impacts,<br>and computer science<br>legislation.<br>2.5 Programming<br>Languages and IDE's<br>Mock Exam 1  | Non-exam<br>assessment                            | Sustaining nature<br>project                                      | RO67 Enterprise<br>and Marketing<br>Concepts<br>2.1 -2.6 Market<br>research to target a<br>specific customer.<br>RO69 Assignment<br>to market and pitch<br>a business<br>proposal.<br>TA2 Create a<br>promotional<br>campaign for a<br>brand and product.  | Producing an<br>outcome<br>independent<br>study | R032:<br>Communication   | Food preparation,<br>cooking skills and<br>techniques                               | <ul> <li>RO94 Start Digital Graphics<br/>Assignment.</li> <li>TA1 - Develop a visual identity.</li> <li>Looking at company names,<br/>logos and strap lines,</li> <li>Creating a branding, designing<br/>a concept and making a logo.</li> <li>TA2 – Plan digital graphics for a<br/>product. including image<br/>properties photo editing, mood<br/>boards, mind maps,<br/>visualisation diagrams.</li> </ul> | Component three:<br>Responding to a<br>Music Brief<br>AO1 Understand how<br>to respond<br>AO2 Select and apply<br>musical skills<br>AO3 Present a final<br>musical product<br>AO4 comment on the<br>creative process and<br>outcome  | Photography trip<br>Producing a<br>photo-essay  | Marriage<br>and the<br>family | R180 Revision of TA1-5<br>Internal examination<br>R182 or R183 Optional<br>NEA<br>R182 The cardio-<br>respiratory system and<br>how the use of<br>technology supports<br>different types of sports<br>and their intensities<br>R183 Nutrients needed<br>for a healthy balanced<br>nutrition plan | R184: Revision of<br>TA1-5 Internal<br>examination.<br>R186/187: NEA<br>Assessment (submit<br>for moderation).<br>R185: Key<br>components of<br>performance.<br>R185: Applying<br>practice methods to<br>support improvement<br>in a sporting activity<br>Teaching content.        |

|     |                   |                         |   |   |   |  |                         |   | Options                                     |   |   |                         |  |  |   |
|-----|-------------------|-------------------------|---|---|---|--|-------------------------|---|---|---|---|-------------------------|--|--|---|
|     |                   | Art                     | Computer<br>Science   | Design<br>Technology                        | Engineering                                 | Enterprise and<br>Marketing  | Graphics                | Health and<br>Social Care   | Food and<br>Cookery                         | iMedia  | Music   | Photography             | RE   | Sports<br>Science  | Sports Studies  |
|     |                   | AQA                     | OCR   | EDEXCEL                                     | NCFE  | OCR  | AQA                     | OCR   | NCFE  | OCR   | BTEC  | AQA                     | AQA  | OCR  | OCR   |
|     | Half<br>Term<br>1 | Independent<br>study    | 2.1 Algorithms<br>including<br>computational<br>thinking,<br>designing and<br>creating<br>algorithms with<br>searching and<br>sorting and<br>pseudocode<br>Programming<br>Task – Washing<br>Machine | Non-exam<br>assessment                      | Non-exam<br>assessment                      | R067 Enterprise and<br>Marketing Concepts<br>3.1-3.3 What make a<br>product financially<br>viable.<br>3.4-3.5 Enterprise and<br>marking concepts.<br>R069 Continue the<br>assignment to market<br>and pitch a business<br>proposal.<br>TA3 – Plan and pitch a<br>proposal.                             | Independent study       | R032: Rights and<br>settings.<br>R034: Plan a creative<br>activity.                                 | Recipe amendment<br>and menu action plans   | RO94 Start Digital<br>Graphics Assignment.<br>TA3- Create a visual<br>identity and digital<br>graphics. Creating a logo<br>and final product.   | Component 2<br>Mini assessment                          | Independent study       | Crime and<br>punishment  | R180 Revision of<br>TA1, 2 and 3<br>R183 Applying<br>differing dietary<br>requirements to<br>varying types of<br>sporting activity | R184: Exam revision<br>of TA 1, 2 and 3<br>R185: Organising and<br>planning a sports<br>activity session<br>R185: Leading a<br>sports activity session                                      |
|     | Half<br>Term<br>2 | Project one<br>exam     | Theory Revision<br>1 – JvN and The<br>Computer.<br>2.6<br>Programming 3<br>Loops and extra<br>practice.   | Non-exam<br>assessment                      | Non-exam<br>assessment                      | RO67 Enterprise and<br>Marketing Concepts<br>3.4-3.5 Enterprise and<br>marking concepts.<br>RO69 Complete the<br>assignment to market<br>and pitch a business<br>proposal and start to<br>learn the exam RO67.<br>TA4 – Review a brand<br>proposal, promotional<br>campaign and<br>professional pitch. | Project one exam        | R032: Person centred<br>values.<br>R034: Deliver a<br>creative activity and<br>evaluate performance | Non-exam<br>assessment                      | RO93 Exam Work<br>TA1 –The Media Industry.<br>By promoting on social<br>media to develop your<br>business.<br>Take target audience and<br>client requirements into<br>consideration.<br>Create and add<br>Animation, Video, Photos<br>and drawings. | Component 3 revision                                    | Project one exam        | Religion and<br>Life, War and<br>Peace                               | R180 Revision of<br>TA4 and 5<br>R183 Developing a<br>balanced diet<br>nutrition plan for a<br>selected sporting<br>activity       | R184: Exam revision<br>of TA 4 and 5<br>R185: Leading a<br>sports activity session<br>R185: Reviewing your<br>own performance in<br>planning and leading<br>of a sports activity<br>session |
| Y11 | Half<br>Term<br>3 | Externally set<br>task  | Theory Revision<br>2 – Networks<br>and Binary.<br>2.6<br>Programming 3<br>Extra Practice  | Non-exam<br>assessment                      | Non-exam<br>assessment                      | RO67 Enterprise and<br>Marketing Concepts<br>TA 4.1-4.4 – Creating<br>a marketing mix to<br>support a product.   | Externally set task     | Ro32: Communication<br>R034: Therapies and<br>their benefits.                                       | Non-exam<br>assessment                      | RO93 learn Exam Work<br>Topic Area 2: Factor<br>influencing product<br>design.<br>Revise  | Component 3<br>Mock external<br>assessment and revision | Externally set task     | Targeted<br>revision for<br>Mock Exams<br>based on pupil<br>data     | R180 External<br>examination<br>R183 How<br>nutritional<br>behaviours can be<br>managed to<br>improve sports<br>performance        | R184: External<br>examination<br>R185: NEA<br>Assessment (submit<br>for moderation)<br>R186/R187 - NEA<br>Assessment  |
|     | Half<br>Term<br>4 | Research<br>experiments | Theory Revision<br>3 – Networks<br>and Binary.<br>2.6<br>Programming 3<br>and Pseudocode  | Non-exam<br>assessment and<br>exam revision | Non-exam<br>assessment and<br>exam revision | RO67 Enterprise and<br>Marketing Concepts<br>TA 4.5-4.10 – Creating<br>a marketing mix to<br>support a product.  | Research<br>experiments | R032: Safeguarding  | Non-exam<br>assessment and exam<br>revision | RO93 Exam Work<br>Topic Area 3:<br>Pre-production Planning,<br>including mood board,<br>mind map, wireframes<br>etc.<br>Topic Area 4:<br>Distribution<br>considerations   | Component 3<br>External assessment                      | Research<br>experiments | Mock Exam<br>Walkthrough<br>and Revision<br>based on Mock<br>Results | R180 Revision of<br>TA1-5<br>R182 or R183<br>NEA   | R184: Exam revision<br>of TA 1- 5<br>R185 and R186/R187<br>- NEA Assessment   |
|     | Half<br>Term<br>5 | Final exam              | Theory Revision<br>4 – Control<br>Systems and<br>Boolean<br>Final Exam  | Exam revision /<br>Final exam               | Exam revision /<br>Final exam               | RO67 Enterprise and<br>Marketing Concepts<br>TA 5.1-5.3 – Factors<br>to consider when<br>starting up and<br>running an enterprise.<br>RO67 Exam revision.  | Final Exam              | R032: Revision  | Exam revision / Final<br>exam               | Revise<br>RO93 Exam Work<br>Topic Area 4:<br>Distribution<br>considerations<br>Revision Areas<br>Final Exam   | Component 3<br>External assessment                      | Final Exam              | Revision   | R180 Revision of<br>TA1-5  | R184: Exam<br>R185 and<br>R186/R187: NEA<br>resubmission<br>opportunity if required   |
|     | Half              |                         | 1   | 1   | 1   | Reor Examinevision.  | L                       | 1   | Exams                                       | <u> </u>  | 1   | 1                       | I  | 1  | 1   |
|     | Term<br>6         |                         |   |   |   |  |                         |   |   |   |   |                         |  |  |   |