**CURRICULUM MAP**

**YEAR 10**

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| **Subject** |  | **Half Term 1** |  | **Half Term 2** |  | **Half Term 3** |  | **Half Term 4** |  | **Half Term 5** |  | **Half Term 6** |
| English Language | Paper 2 Reading:  Exposure to a variety of non-fiction extracts from different time periods and genres.  Comparison of viewpoints.  Comparing similar and different ideas in texts.  Analysing the effect of different language choices. | Paper 2 Writing:  Letter writing -  Speech writing.  Using rhetorical devices for effect.  Using emotive language for effect.  Writing for purpose and clarity.  Using a variety of methods and sentence types for effect in non-fiction writing. | Paper 1 Reading:  Exposure to a range of fiction extracts from different genres.  Analysis of structural methods and language choices used by different writers.  Evaluating opinions about texts. | Narrative Writing - Paper 1:  Creative descriptive writing.  Using different sentences structures for effect.  Using effective vocabulary for effect.  Planning and drafting creative writing. | Descriptive Writing - Paper 1:  Creative descriptive writing.  Using different sentences structures for effect.  Using effective vocabulary for effect.  Planning and drafting creative writing. | Paper One Reading  Narrative and Descriptive Writing. Exposure to a range of fiction extracts from different genres.  Analysis of structural methods and language choices used by different writers.  Evaluating opinions about texts. |
| English Literature | A Christmas Carol:  Historical Context.  Themes.  Events.  Characters.  Key Messages.  Big Ideas.  Key Quotes.  Essay Writing.  Analysing the writers’ choice of methods and language. | A Christmas Carol:  Historical Context.  Themes.  Events.  Characters.  Key Messages.  Big Ideas.  Key Quotes.  Essay Writing.  Analysing the writers’ choice of methods and language. | Anthology Poetry:  Key quotes.  Links between poems.  Exploring links/themes in different poems.  Commenting on differences and similarities. | Blood Brothers:  Historical Context.  Themes.  Events.  Characters.  Key Messages.  Big Ideas.  Key Quotes.  Essay Writing..  Analysing the writers’ choice of methods and language. | Macbeth:  Historical Context.  Themes.  Events.  Characters.  Key Messages.  Big Ideas.  Key Quotes.  Essay Writing.  Analysing the writers’ choice of methods and language. | Macbeth:  Historical Context.  Themes.  Events.  Characters.  Key Messages.  Big Ideas.  Key Quotes.  Essay Writing.  Analysing the writers’ choice of methods and language. |
| Mathematics – Foundation | Angles.  Tables and Averages. | Perimeter and Area.  Volume and Surface Area. | Linear Graphs.  Probability. | Quadratic equations.  Transformations. | Right-Angled Triangles.  Probability.  Probability Combined Events.  Compound Measures and Percentages. | Percentages and Variation.  Measures and scale drawing.  Construction and Loci. |
| Mathematics - Higher | Angles.  Pythagoras and Trigonometry.  Linear graphs. | Length, Area and Volume.  Cones and Sphere  Transformations.  Construction and Loci.  Equations and Simultaneous Equations. | Inequalities and graphs.  Probability. | Quadratic equations.  Simultaneous equations with graphs.  Quadratic simultaneous equations.  Transformations. | Probability-Combined events.  Multiplicative reasoning.  Graphs. | Similarity.  Congruence.  Pythagoras and Trigonometry.  Data. |
| Science | C12  Chemical analysis.  P1  Conservation and dissipation of energy.  P2  Energy transfer by heating. | P3  Energy resources.  B1  Cell Structure and Transport.  B2  Cell Division.  C1  Atomic structure. | C2  The periodic table.  B3  Organisation and the digestive system.  B4  Organising animals and plants.  P4  Electric circuits. | P5  Electricity in the home.  C3  Structure and bonding.  B14  Variation and evolution. | B13  Reproduction.  C5  Chemical changes.  C6  Electrolysis. | P13  Electromagnetism. |
| Geography | Changing economic world.  Measures of development.  Demographic transition model.  Causes of uneven development.  Consequences of uneven development.  Reducing the development gap. | Weather hazards  Tropical storms-causes, effects and responses.  Reducing the impacts of weather hazards.  Climate change cause, effect and response. | Urban challenges.  Growth of megacities.  Migration and push and pull factors.  Why Rio is an important city.  Opportunities in Rio.  Challenges in Rio.  Ways to improve the lives of the poor in Rio.  Sustainable living in Curitiba. | Living world.  Small scale ecosystems in the UK-Epping Forest.  Tropical rainforests location.  Plant and animal adaptations.  Amazon rainforest case study.  Opportunities and challenges in the rainforest.  Sustainable management of the rainforest. | Urban challenges.  UK cities.  Focus on Liverpool.  Why it is important.  Opportunities and challenges in Liverpool.  Regeneration in Liverpool. | Rivers and river fieldwork.  River processes.  River landforms.  Causes of flooding.  Hard and soft engineering on rivers.  Physical geography fieldwork on the River Calder.  Risk assessments.  Data collection.  Data presentation.  Conclusions and evaluations. |
| History | GCSE Health.  -Vesalius/Pare/ Harvey.  -Hospitals and Medicine.  -Jenner and Vaccinations. | GCSE Health.  -Germ Theory and Pasteur.  -Sewers and Public Health.  -NHS and Modern Treatments. | GCSE 1930s USA.  -Wall Street Crash.  -Great Depression.  -New Deal. | GCSEs Post War USA.  -American Dream.  -Rock and Roll.  -Civil Rights. | GCSE Conflict.  -Treaty of Versailles.  -Reaction to the Treaty.  -League of Nations. | GCSE Conflict.  -Manchurian Crisis.  -Abyssinian Crisis.  -Failure of the League. |
| MFL - French  - German  - Spanish | Time.  Daily Routine. | Town and local area.  Clothes and shopping. | Studies and life at school.  Education post 15, part-time jobs and chores. | Future plans. | Social issues. | Global issues. |
| Art | Introduction.  Sketching.  Face proportions.  Celebrity portraits. | (Fine Art): Portraits.  Family friends, portraits.  All media. | (Fine Art) – Portraits.  2 artists studied,  Studies and information. | (Fine Art) – Portraits.  Complete artists studies and mount. | (Fine Art) – Portraits.  Serif.  Develop ideas for final piece. | (Fine Art) – Portraits.  Final piece.. |
| Business | **Enterprise and entrepreneurship**  Risk and reward in business. The role of business enterprise. **Spotting a business opportunity**  Market research and market segmentation. The competitive environment. | **Putting a business idea into practice** Business aims and objectives. Business revenues, costs and profits. Breakeven and margin of safety. Cash and cashflow. Sources of finance. | **Making the business effective**  Sole trader and partnerships.  Limited companies and franchises. Business locations. The marketing mix. The business plan. Limited and unlimited liability. | **Understanding external influences business**  Stakeholders. Technology and business. Legislation and business. The economy and business. The external influences. | **Growing the business**  Business growth.  Changes in aims and objectives.  Business and globalisation.  Business ethics. | **Making marketing decisions**  Product – product life cycle, design mix, product differentiation.  Price – pricing strategies.  Promotion - traditional and new ways.  Place – retailers and e-tailers, distribution methods.  Using the marketing mix to make business decisions. |
| Computer Science | 1.1 Computer Systems & 2.1 Algorithms:   * CPU. Performance. * Von Neumann Architecture. * Algorithms. | 1.1 Computer Systems & 2.1 Algorithms:   * Fetch Decode. Execute Cycle. * Embedded Systems. * Algorithms and Programming. | 1.2 Memory & 2.2 Programming:   * RAM. * ROM. * Virtual Memory. * Basic Python Programming. | 1.2 Storage & 2.2 Programming:   * Secondary storage. * Secondary storage characteristics. * Python Programming. * Data Types. | 1.2 Data Representation & 2.2 Programming:   * Binary. * Hexadecimal. * Characters. * Images. * Sound. * Compression. * Python Programming. * Selection and Iteration. | 1.3 Networks & 2.2 Programming   * LAN & WAN, Network hardware. * Client Server and Peer to Peer. * Network topologies. * Cloud computing. * IP and MAC addresses, DNS. * Network protocols. |
| ICT – Creative iMedia | Creating Digital Graphics:   * Pre-production documents. * Planning and sketching graphics. * Developing design skills. * Editing graphics. | Creating Digital Graphics:   * Controlled assessment set by OCR. | Creating Digital Graphics:   * Controlled assessment set by OCR. | Creating Digital Graphics:   * Controlled assessment set by OCR. | Creating Digital Graphics:   * Controlled assessment set by OCR. | Creating Digital Graphics:   * Controlled assessment set by OCR. |
| iD/Religious Education  *(On Rotation)* | Abortion and its effect.  Mental abuse and physical violence and other forms of domestic abuse.  E Safety.  Different relationships.  The signs of an abusive relationship.  Internet safety. | Ethics (Homosexuality, Genetic engineering, animal experimentation, hunting and Zoos, food laws). | What is mental health?  What is grooming?  The effects of radicalisation  What is extremism? | The dangers of websites.  Every action has consequences.  Alcohol and violence.  Planning for the future – interview technique and CV construction. | Rights and responsibilities  (Morla decisions, Human rights, human responsibilities, Millenium Goals, Malala). | Radicalisation, extremists and extremism.  Challenges discussing mental health. |
| Design and Technology | Design and Make Principles. | Specialist Technical Principles Theory. | Specialist Technical Principles Theory. | Specialist Technical Principles Theory. | Specialist Technical Principles Theory. | Client Profile.  Analysis of existing products.  Creating and using a mood board.  Considering the social and economic impact of products.  Design Brief and Specification. |
| Drama | Developing Skills.  Developing basic performance skills required for success on the course. | Learning to Devise.  Exploring different devising stimulus.  Start to explore the set text. | Learning to Devise.  Exploring different devising stimulus.  Start to explore the set text. | Learning to Devise.  Exploring different devising stimulus.  Start to explore the set text. | Actual Devising Examination.  Develop knowledge and understanding of the Set Text. | Actual Devising Examination.  Develop knowledge and understanding of the Set Text. |
| Food Preparation and Nutrition | Food Safety.  Nutrition.  Healthy Eating. | Food Provenance. | Colloid structures.  Smart Foods.  Technological developments. | Food Commodities. | Sensory Analysis and High Skills.  Preparation for  NEA 2. | Preparation for  NEA 1.  How to write a hypothesis.  To research into ingredients.  Test different ingredients. |
| Music | The Digital Audio Workstation (DAW). | Introduction to Music Technology and the Music Business. | Musical Elements, Musical Style and Music Technology. | Sound Creation. | Multitrack Recording. | Music Technology in Practice. |
| Core PE  (On rotation) | Rugby.  Football.  Outdoor Adventurous Activities.  Fitness. Gymnastics.  Handball.  Netball/Basketball. | Rugby.  Football.  Outdoor Adventurous Activities.  Fitness. Gymnastics.  Handball.  Netball/Basketball. | Rugby.  Football.  Outdoor Adventurous Activities.  Fitness. Gymnastics.  Handball.  Netball/Basketball. | Rugby.  Football.  Outdoor Adventurous Activities.  Fitness. Gymnastics.  Handball.  Netball/Basketball. | Rugby.  Football.  Outdoor Adventurous Activities.  Fitness. Gymnastics.  Handball.  Netball/Basketball.  Athletics.  Striking and fielding. | Rugby.  Football.  Outdoor Adventurous Activities.  Fitness. Gymnastics.  Handball.  Netball/Basketball.  Athletics.  Striking and Fielding. |
| Photography | Introduction to basic skills:  Digital Camera.  Photoshoots.  Photoshop. | Mini Project  ‘Natural Forms’.  Research.  Photoshoot.  Editing.  Outcome. | Main Project.  ‘Altered Images’.  Research.  Techniques. | Main Project.  Studying a range of photographers and artists styles. | Main Project.  Experimentation and recording of development of ideas | Main Project.  Final Outcome. |
| Religious Education | Theme E - Religion, crime and punishment. | Religion, crime and punishment.  Christianity: Beliefs and teachings. | Christianity: Beliefs and teachings.  Christianity: Practices. | Christianity: Practices .  Islam: Beliefs and Teachings. | Islam: Beliefs and Teachings.  Islam: Practices. | Islam: Practices.  Theme A – Relationships and Families. |
| Textiles |  | Introduction to basic skills through mini workshops, including sewing machine, hand sewing, printing and fabric manipulation. |  | Mini Project – ‘Under the Microscope’. |  | Main Project.  Explore a range of art textiles-based techniques inspired by ‘The Coast’. |  | Main Project.  Explore a range of textile artists. |  | Main Project.  Experiment and develop a range of art textiles outcomes based on the theme and artists. |  | Main Project.  Final Outcome. |
| Vocational Sport | R181:Applying Principles of Training Coursework  (Office 365). | R181:Applying Principles of Training Coursework  (Office 365). | R181:Applying Principles of Training Coursework  (Office 365). | R181:Applying Principles of Training Coursework  (Office 365).  Hand in.  R180: Reducing the risk of sports injuries  Exam Unit. | R183: Nutrition and sports performance Courswork  (Office 365).  R180: Reducing the risk of sports injuries  Exam Unit. | R183: Nutrition and sports performance Courswork  (Office 365).  R180: Reducing the risk of sports injuries  Exam Unit. |