**CURRICULUM MAP**

**YEAR 10**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 ReadingNarrative 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 SphereTransformations.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 | C12Chemical analysis.P1Conservation and dissipation of energy.P2Energy transfer by heating. | P3Energy resources.B1Cell Structure and Transport.B2Cell Division.C1Atomic structure. | C2The periodic table.B3Organisation and the digestive system.B4Organising animals and plants.P4Electric circuits. | P5Electricity in the home.C3Structure and bonding.B14Variation and evolution. | B13Reproduction.C5Chemical changes.C6Electrolysis. | P13Electromagnetism. |
| Geography | Changing economic world.Measures of development.Demographic transition model.Causes of uneven development.Consequences of uneven development.Reducing the development gap. | Weather hazardsTropical 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 injuriesExam Unit. | R183: Nutrition and sports performance Courswork(Office 365).R180: Reducing the risk of sports injuriesExam Unit. | R183: Nutrition and sports performance Courswork(Office 365).R180: Reducing the risk of sports injuriesExam Unit. |