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| **UTC Warrington Curriculum Map 2024-25** |
| **Subject:** Geography Year 10 & 11 |
| **Exam Board** : AQA |



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|  | **Autumn** | **Spring** | **Summer** |
| **Year 10** | Tectonic Hazards  The Development gap | Nigeria – An LIC  The UK Economy | Rivers & Fieldwork Urbanisation and Lagos |
| **Year 11** | Coasts  UK Cites - Fieldwork | Living World  Resource management | Pre-release |

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| **UTC Warrington Curriculum Map 2024-25** |
| **Subject:** English Language Year 10 & 11 |
| **Exam Board** : AQA |



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|  | **Autumn** | **Spring** | **Summer** |
| **Year 10** | Paper 1 – Section A Questions 1-3  Paper 1 – Section B Question 4 | Paper 2 – Section A Questions 1-3  Paper 2 – Section B Question 4 | Paper 2 – Section B  Revision & Mocks |
| **Year 11** | Paper 1 revision based on summer mocks  Paper 2 revision based on summer mock | Paper 1 revision based on Autumn mocks  Paper 2 revision based on Autumn mocks | General Revision targeted at specific questions  Exams |

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| **UTC Warrington Curriculum Map 2024-25** |
| **Subject:** English Literature Year 10 & 11 |
| **Exam Board** : AQA |

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|  | **Autumn** | **Spring** | **Summer** |
| **Year 10** | Aut 1A: Paper 2 – Power & conflict cluster 1  Aut 1B: Paper 2 – Unseen Poetry  Aut 2: Paper 2 – Section A – Inspector Calls | Paper 2: power & conflict cluster 2  Paper 1 section A – A Christmas Carol | Paper 1 section B: A Christmas Carol  Paper 2 section B: Inspector calls & poetry Mock |
| **Year 11** | Shakespeare – Macbeth  Poetry cluster 3 – power of humans & nature | Revision on A Christmas Carol  Revision on Macbeth | Revision on Inspector Calls & poetry  Exams |

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| **UTC Warrington Curriculum Map 2024-25** |
| **Subject:** Mathematics Higher Year 10 & 11 |
| **Exam Board** : Ed Excel |



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|  | **Autumn** | **Spring** | **Summer** |
| **Year 10** | Unit 1: Numbers  Unit 2: Algebra  Unit 3: Data & averages  Unit 4: Fractions, ratio, percentages | Unit 5: Angles, Pythagoras, trigonometry  Unit 6: Linear graphs  Unit 7: Area & Volume | Unit 8: Transformations & constructions  Unit 9: Equations & inequalities  Probability |
| **Year 11** |  |  |  |

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| **UTC Warrington Curriculum Map 2024-25** |
| **Subject:** Mathematics Foundation Year 10 & 11 |
| **Exam Board** : Ed Excel |

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|  | **Autumn** | **Spring** | **Summer** |
| **Year 10** | Unit 1: Numbers  Unit 2: Algebra  Unit 3: Data  Unit 4: percentages | Unit 5: sequences  Unit 6: Angles  Unit 7 Averages | Unit 8: Perimeter, Area, Volume 1  Unit 9: Graphs  Unit 10: Transformations |
| **Year 11** | Unit 1: Ratio & Proportion  Unit 2: - Pythagoras % Trigonometry  Unit 3: Probability  Unit 4: Multiplicative Reasoning  Unit 5: Constructions, Loci and bearings | Graphs  Unit 6: Perimeter, Area, Volume 2  Unit 7: Fractions, indeces & Standard form | Vectors  Unit 8: Algebra  PPE’s |

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| **UTC Warrington Curriculum Map 2024-25** |
| **Subject:** Combined Science Year 10 & 11 |
| **Exam Board** : AQA |



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|  | **Autumn** | **Spring** | **Summer** |
| **Year 10** | Aut 1: B1 – Cell Structure and Transport  B2 – Cell Division  C1 – Atomic Structure  C2 – Periodic Table  P6 – Molecules and Matter  Aut 2: B3 – Organisation and Digestive System  B4 – Organising Animals and Plants  C3 – Structure and Bonding P7 - Radioactivity | Spr 1: B8 – Photosynthesis  B9 – Respiration  P1 - Conservation and Dissipation of Energy  P2 – Energy Transfer by Heating  P3 – Energy Resources  B5 – Communicable Diseases  B6 – Preventing and Treating Diseases  B7 – Non-communicable Diseases | C5 – Chemical Changes  C6 – Electrolysis P4 – Electric Circuits  P5 – Electricity in the Home  C4 – Chemical Calculations  C7 – Energy Changes |
| **Year 11** | B8 – Photosynthesis  B9 – Respiration B10 – Human Nervous System  B11 – Hormonal Co-ordination  C8 – Rates and Equilibrium  C9 – Crude Oil and Fuels  C10 – Chemical Analysis  P8 – Forces in Balance  P9 – Motion  P10 – Forces and Motion | B12 – Reproduction P11 – Wave Properties P12 – Electromagnetic Waves  B13 – Variation and Evolution  B14 – Genetics and Evolution  B15 – Adaptations, interdependence and competition  B16 – Organising and Ecosystem  B17 – Biodiversity in an Ecosystem  C11 – The Earth’s Atmosphere  C12 – The Earth’s Resources  P13 - Electromagnetism | Revision, targeted interventions and PPE's |

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| **UTC Warrington Curriculum Map 2024-25** |
| **Subject:** Computer Science Year 10 & 11 |
| **Exam Board** : OCR |



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|  | **Autumn** | **Spring** | **Summer** |
| **Year 10** | 2.1 Algorithms, 2.2 Programming Fundamentals, 2.5 IDEs  1.1 Systems Architecture, 1.2 Memory, 2.2. Algorithms | 1.2 Memory, 2.2 Algorithms  1.3 Networks, 1.4 Network Security, 2.2 Algorithms | 1.6 Ethics, 2.1 Algorithms  1.5 System Software, 2.2 Programming Fundamentals |
| **Year 11** | 2.1 Algorithms, 2.2 Programming Fundamentals, 2.3 Producing Robust Programs  2.4 Boolean Logic, 1.2 Memory, 2.1 Algorithms | 1.3 Networks, 1.4 Network Security, 2.3 Producing Robust Programs  1.6 Ethics, 2.2 Programming Fundamentals | Revision & Recap  Course Complete |

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| **UTC Warrington Curriculum Map 2024-25** |
| **Subject:** Construction Year 10 & 11 |
| **Exam Board** : Pearson Edexcel |



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|  | **Autumn** | **Spring** | **Summer** |
| **Year 10** | Unit 1  1.1 The sector, The Built Environment life cycle  Unit 1  1.2 The Built Environment life cycle,  1.3 Types of building and structure | Unit 1  1.4 Technologies and materials,  1.5 Building structures and forms  Unit 1  1.6 Sustainable construction methods | Unit 1  1.7 Trades, employment and careers,  1.8 Health and safety  Unit 2 Brief Release  2.2 Writing and setting success criteria |
| **Year 11** | 2.1 Identifying and calculating information  2.3 Drawing plans  2.4 Drawing elevations  2.5 Using the language of drafting | 2.6 Drawing two dimensional (2D) plans  2.7 Creating three dimensional (3D) virtual models and plans  2.8 Evaluating design tasks. | Submission of coursework/ title block preparation,  Revision for resit  Submission of coursework/ title block preparation,  Revision for resit |



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| **UTC Warrington Curriculum Map 2024-25** |
| **Subject:** Design and Technology Year 10 & 11 |
| **Exam Board** : WJEC |

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|  | **Autumn** | **Spring** | **Summer** |
| **Year 10** | 2D Design Introduction/Pre NEA mini project, Core principles section 1 'New & Developing Technologies'  Pre NEA mini project, Core principles section 2 'Energy Generation & Storage' | NEA project set, core principle section 3 'Developments In New Materials'  NEA , core principles section 4 'Systems Approach to Design' | NEA, core principles section 5 'Mechanical Devices'  NEA, core principles section 6 'Material Categories and Properties' |
| **Year 11** | NEA , Specialist Technical Principles Section 1-3  NEA, Specialist Technical Principles Section 4-7 | NEA, Designing and Making Principles.  Core Principles & Designing and Making Principles Reteach | Specialist Technical Principles & Designing and Making Principles Reteach |

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| **UTC Warrington Curriculum Map 2024-25** |
| **Subject:** Digital Information Technology Year 10 & 11 |
| **Exam Board** : |



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|  | **Autumn** | **Spring** | **Summer** |
| **Year 10** | Design Tools, Human Computer Interface in everyday life, Data & Testing, HCI design conventions and principles | Creating the spreadsheet solution, Testing the spreadsheet solution, R060: NEA Assessment (working on), Augmented Reality | R060: NEA Assessment (working on and submit for moderation), Data and Testing, Digital Communications, Internet of Everything (IoE), Creating and AR model prototype |
| **Year 11** | Designing an AR model prototype, Testing and reviewing, R070: NEA Assessment (working on) | R070: NEA Assessment (submit for moderation), Data and testing, Cyber security & legislation, | Cyber-security and legislation, R050: Exam Revision |

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| **UTC Warrington Curriculum Map 2024-25** |
| **Subject:** Architecture Year 10 &11 |
| **Exam Board** : |



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|  | **Autumn** | **Spring** | **Summer** |
| **Year 10** | Introductory Phase  Introductory Phase | Development Phase  Development Phase | Development Phase  Development Phase |
| **Year 11** | Sustained Phase  Sustained Phase | Externally Set Assignment  Externally Set Assignment | Review & Submit |