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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 HazardsThe Development gap | Nigeria – An LICThe UK Economy | Rivers & Fieldwork Urbanisation and Lagos |
| **Year 11** | CoastsUK Cites - Fieldwork | Living WorldResource 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 1-3Paper 1 – Section B Question 4 | Paper 2 – Section A Questions 1-3Paper 2 – Section B Question 4 | Paper 2 – Section BRevision & Mocks |
| **Year 11** | Paper 1 revision based on summer mocksPaper 2 revision based on summer mock | Paper 1 revision based on Autumn mocksPaper 2 revision based on Autumn mocks | General Revision targeted at specific questionsExams |

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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 1Aut 1B: Paper 2 – Unseen PoetryAut 2: Paper 2 – Section A – Inspector Calls | Paper 2: power & conflict cluster 2Paper 1 section A – A Christmas Carol | Paper 1 section B: A Christmas CarolPaper 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 & poetryExams |

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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: NumbersUnit 2: AlgebraUnit 3: Data & averagesUnit 4: Fractions, ratio, percentages | Unit 5: Angles, Pythagoras, trigonometryUnit 6: Linear graphsUnit 7: Area & Volume | Unit 8: Transformations & constructionsUnit 9: Equations & inequalitiesProbability |
| **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: NumbersUnit 2: AlgebraUnit 3: DataUnit 4: percentages | Unit 5: sequencesUnit 6: AnglesUnit 7 Averages | Unit 8: Perimeter, Area, Volume 1Unit 9: GraphsUnit 10: Transformations |
| **Year 11** | Unit 1: Ratio & ProportionUnit 2: - Pythagoras % TrigonometryUnit 3: ProbabilityUnit 4: Multiplicative ReasoningUnit 5: Constructions, Loci and bearings | GraphsUnit 6: Perimeter, Area, Volume 2Unit 7: Fractions, indeces & Standard form | VectorsUnit 8: AlgebraPPE’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 PropertiesP12 – 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 IDEs1.1 Systems Architecture, 1.2 Memory, 2.2. Algorithms | 1.2 Memory, 2.2 Algorithms1.3 Networks, 1.4 Network Security, 2.2 Algorithms | 1.6 Ethics, 2.1 Algorithms1.5 System Software, 2.2 Programming Fundamentals |
| **Year 11** | 2.1 Algorithms, 2.2 Programming Fundamentals, 2.3 Producing Robust Programs2.4 Boolean Logic, 1.2 Memory, 2.1 Algorithms | 1.3 Networks, 1.4 Network Security, 2.3 Producing Robust Programs1.6 Ethics, 2.2 Programming Fundamentals | Revision & RecapCourse 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 formsUnit 1 1.6 Sustainable construction methods | Unit 1 1.7 Trades, employment and careers, 1.8 Health and safetyUnit 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 plans2.8 Evaluating design tasks. | Submission of coursework/ title block preparation, Revision for resitSubmission 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 1-3NEA, 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 PhaseIntroductory Phase | Development PhaseDevelopment Phase | Development PhaseDevelopment Phase |
| **Year 11** | Sustained PhaseSustained Phase | Externally Set AssignmentExternally Set Assignment | Review & Submit |