George Stephenson High School Secondary Scheme of Work: Year 10\_\_\_\_BTEC Digital Information Technology

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| Unit | Lessons | Key Progression Indicators  Knowledge, Understanding and Skills |
| |  | | --- | | Component 1  Exploring User Interface Design Principles | |  | | 18 | **Exploring User Interface Design Principles**  Topic 1 - User interfaces  Topic 2 - Factors and Influences  Topic 3 - Audience Needs  Topic 4 - Design Principles  Topic 5 - Design Psychology  Topic 6 - Designing user interfaces  **Project Planning Techniques**  Topic 1 - Project planning techniques  Topic 2 - Creating project plans  Topic 3 - Initial designs  Topic 4 - Developing a user interface  Topic 5 – Review  **Data Collection and Impact**  Topic 1 - Characteristics of Data and Information  Topic 2 - Representing Information  Topic 3 - Ensuring data is suitable  Topic 4 - Data collection  Topic 5 - Quality of information  Topic 6 - Sectors that use data modelling  Topic 7 - Threats to individuals |
| Component 1  Project Planning Techniques | 18 |
| Mock Set Assignments | 36 |
| Pearson Set Assignment | 15 |
| Excel skills | 6 |
| Component 2 Data Collection and Impact | 18 |
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**Calendar**

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| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 |
| **Component 1 Exploring User Interface Design Principles** | | | | | | **Project Planning Techniques** | | | | | |  |

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| Week 14 | Week 15 | Week 16 | Week 17 | Week 18 | Week 19 | Week 20 | Week 21 | Week 22 | Week 23 | Week 24 | Week 25 | Week 26 |
| **Mock assessments** | | | | | | **Assignment prep** | | **Pearson Set Assignment** | | | | |

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| Week 27 | Week 28 | Week 29 | Week 30 | Week 31 | Week 32 | Week 33 | Week 34 | Week 35 | Week 36 | Week 37 | Week 38 | Week 39 |
| **Component 2 Data Collection and Impact** | | | | | | **Excel Skills** | | **Mock assessments** | | | | |