

SUBJECT: BTEC Level 2 Tech Award in Digital Information Technology **YEAR:** 10 & 11

HEAD OF DEPARTMENT: Mr Justice

LEAD TEACHER: Ms Clements

GROUPING POLICY: Mixed ability in option blocks

EXAM BOARD: PEARSON

ASSESSMENT: There are three assessment criteria:

- Components 1 and 2 will take the form of class-based assignments marked by the teaching staff.
- Component 3 is assessed by the exam board towards the end of the course.

| Pearson BTEC Level 1/Level 2 Tech Award in Digital Information Technology | | | | |
|---|--|-----------|------------|-------------------|
| Component number | Component title | GLH | Level | How assessed |
| 1 | Exploring User Interface Design Principles and Project Planning Techniques | 36 | 1/2 | Internal |
| 2 | Collecting, Presenting and Interpreting Data | 36 | 1/2 | Internal |
| 3 | Effective Digital Working Practices | 48 | 1/2 | External Synoptic |

Link to Specification:

<https://qualifications.pearson.com/content/dam/pdf/btec-tec-awards/information-technology/2017/specification-and-sample-assessments/Spec-BTEC-L1-2TECHAWD-DIT.pdf>

COURSE CONTENT

What will my child learn?

This is an excellent option choice for students who prefer practical rather than theoretical learning.

The Award gives learners the opportunity to develop ICT skills in a practical learning environment. The main focus is on four areas of equal importance, which cover the:

- development of key skills that prove your aptitude in digital information technology, such as project planning, designing and creating user interfaces, creating dashboards to present and interpret data.
- process that underpins effective ways of working in digital information technology, such as project planning and cyber security.
- attitudes that are considered most important in digital information technology, including personal management and communication.
- knowledge that underpins effective use of skills, process and attitudes in the sector such as how different user interfaces meet user needs, how organisations collect and use data to make decisions, cyber security and legal and ethical issues.

ASSESSMENT

How will my child's work be assessed?

Internal assessment is through assignments that are set and marked by the teaching staff.

Component 1: Exploring User Interface Design Principles and Project Planning Techniques

Learning aims:

- Investigate user interface design for individuals and organisations.
- Use project planning techniques to plan and design a user interface.
- Develop and review a user interface.
- A set of tasks will be given to be completed in class to demonstrate they can meet the learning aims.

Component 2: Collecting, Presenting and Interpreting Data

Learning aims:

- Investigate the role and impact of using data on individuals and organisations.
- Create a dashboard using data manipulation tools.
- Draw conclusions and review data presentation methods.
- A set of tasks will be given to be completed in class to demonstrate they can meet the learning aims.

Component 3 External Assessment: 1hr 30mins practical exam.

The external assessment is based on key tasks that requires learners to demonstrate that they can identify and use effectively an appropriate selection of skills, techniques, concepts, theories and knowledge from across the whole qualification in an integrated way. The external assessment takes the form of a set task/external assessment taken under supervised conditions, which is then marked and a grade awarded by Pearson. Learners are permitted to resit the external assessment once during their programme by taking a new assessment.

Progression Routes:

Learners who generally achieve at Level 2 across their Key Stage 4 learning might consider progression to:

- A Levels as preparation for entry to higher education in a range of subjects.
- Study of a vocational qualification at Level 3, such as a BTEC National in IT, which prepares learners to enter employment or apprenticeships, or to move on to higher education by studying a degree in the digital sector.
- Apprenticeships or work in the digital information technology industry.
- Useful for any work that involves the daily use of information technology systems.