THE ARNEWOOD SCHOOL
KEY STAGE 4 IT

Implementation:

An induction task project is set that outlines the expectations of the quality of written coursework. It also reviews and improves basic office software packages, whilst developing the skills required to achieve top grades in the BTEC Course.

Year 9

Half term	Curriculum focus	Landmark assessment
Autumn 1	Induction Tasks 1-3 Develop basic Office skills such as Word processing and spreadsheets Develop data manipulation skills Develop appropriate formatting skills	Tasks 1-3 assessed and judged using criteria Pass, Merit, Distinction
Autumn 2	Induction Tasks 4-5 Develop Office skills further including Desktop Publishing and Databases Develop skills related to data management skills	Completed Tasks 4-5 Incorporates skills from tasks 1-3 as well as new skills.
Spring 1	Induction Task 6 – Evaluation Component 1 – Learning Aim A – User Interfaces. Knowledge of User Interfaces Knowledge of Design Principles Knowledge of Meeting user needs Research Skills developed	Completed Task 6 – Induction, assesses evaluative writing skills. Completion of Learning Aim A – A1-4
Spring 2	Component 1 – Learning Aim A – Assessment. Application of knowledge of User Interfaces and Design Principles and Meeting user needs Explain / Analyse / Assess two types of user interfaces Explain / Analyse / Assess how two types of User Interface meets user needs	Completed assessment A – Investigation of user interface design for individuals and organisations
Summer 1	Component 1 – Learning Aim B – Project Planning Knowledge of Project planning Techniques Knowledge of designing User Interfaces Create a Project Plan to create a User Interface Create an Initial design for a User interface	Assessment B – Use Project Planning techniques to plan and design a user interface

Summer 2	Component 1 – Learning Aim C – Develop a User Interface Develop a User interface using knowledge and understanding of Aim A and Aim B Use Plan to Develop and Refine a user interface Explain / Analyse / Assess Strengths and Weaknesses of user interface	Assessment C – Develop and Refine & Review a User Interface Design.

Year 10

Half term	Curriculum focus	Landmark assessment
Autumn 1	Component 2 – Aim A – Data and Information Knowledge – characteristics of Data and Information Knowledge of data processing methods Assessing data collection and quality Explaining sectors that use data modelling Explaining threats to individuals data	Component 2 - Learning Aim A Tasks – A1-A7
Autumn 2	Component 2 – Assessment A: Applying knowledge of data and information to different contexts. Explain / Discuss / Assess data collection methods for two different sectors Explain / Discuss / Assess how data is used to make decisions for two different sectors	Component 2 - Assessment A -Investigate the role and impact of using data on individuals and organisations
Spring 1	Component 2 - Learning Aim B – Data Processing Developing skills in: Data Processing – data manipulation and spreadsheet processing Creating a dashboard to show data summaries	Component 2 Aim B – Tasks B1 – B2
Spring 2	Component 2 – Assessment B Applying knowledge and skills from data manipulation and spreadsheet processing. Select appropriate methods to manipulate data effectively Produce a dashboard that summarises data	Component 2 - Assessment B – Create a dashboard using data manipulation tools
Summer 1	Component 2 Learning Aim C – Conclusions and Summaries Developing Skills in: Drawing Conclusions based on data Presenting summaries of data	Component 2 –Learning Aim C – Tasks C1 and C2
Summer 2	Component 2 – Assessment C Applying knowledge and skills from drawing conclusions of data and presenting data to contexts for coursework. Use Dashboard to draw conclusions Explain / Assess / methods to present data	Component 2Assessment C – Draw conclusions and review data presentation methods

Year 11

Half term	Curriculum focus	Landmark assessment
Autumn 1	Component 3 – Learning Aim A / B Knowledge and application of: Modern Technologies Impact of Modern Technologies Cyber Security Threats to Data Prevention and management of threats to data Policy	Assessment Aim's A & B – Analyse modern technologies and cyber security in different contexts

Autumn 2	Component 3 – Learning Aim C / D
	Knowledge and application of:
	Wider implications of digital systems
	    Responsible Use of data / modern technologies
	    Legal and Ethical Use of data / modern technologies
	Planning and Communication in Digital Systems
	Forms of Notation – Data Flow Diagrams
		Year 11 Mock exams – assessing Aim A and B and C

Spring 1	Component 3 – Aim A-D Skills developed: Analysis of Aim A-D knowledge within different contexts Evaluate Aim A-D knowledge within different contexts Make connections with Concepts ranging from Component 1-3	Component 3 – External Assessment
Spring 2	Review, consolidate knowledge, understanding, skills of Components 1-3	External Moderation of Assessment
Summer 1	Reviewing final coursework for submission	