PLUME ACADEMY - LEARNING OVERVIEW

Year	10
Course	OCR Level 1/2 Cambridge National Certificate in Information Technologies
Specification Number/Exam Board	Information Technologies Level 1/2 Certificate – J808
End of course assessment and weightings	Y10 R012 - 50% Examination, Y11 R013- 50% coursework

Prior Learning

At KS3 students will have studied a varying amount of software applications to support their learning in Year 10. For example, students would have already experienced database software, spreadsheet software and desktop publishing software which are all built upon in this qualification. Furthermore, students will have knowledge of networks, computer components and have a deep understanding the social impact of using of IT.

Curriculum Intent – What are the curriculum aims?

Data manipulation and project management are vital skills for success in employment and higher education and are among the key transferable skills required by employers. Our Information Technologies curriculum aims to develop students understanding of these skills through the development of creative products to solve real world data problems. Taking this qualification will prepare your child for a career in a data driven future. The IT curriculum aims to improve students' knowledge of hardware and software applications. The curriculum is designed to allow the students to develop their skills with Data Manipulation tools and techniques. Students will be introduced to the Project Life Cycle – phases, interaction, inputs and outputs. We aim to consider the risks, legal, moral, ethical and security issues relating to the use of technology.

Curriculum Implementation – What will my child will be learning?

Term 1	Half Term 1	L01 – Tools used to initiate and plan solutions
	Half Term 2	L03 – Data and Information
Term 2	Half Term 3	LO4 - Factors to consider when collecting data
	Half Term 4	LO6 – Different methods of processing data and presenting information
Term 3	Half Term 5	Exam preparation and revision
	Half Term 6	Coursework introduction – How to initiate and plan a project

Curriculum Impact – How will progress be assessed as I learn

Formally: all assessment results are awarded on the following scale: Level 2 – Distinction* (*2), Distinction (D2), Merit (M2), Pass (P2) Level 1 – Distinction (D1), Merit (M1), Pass (P1) and Unclassified. This will be assessed via a 105-minute exam in May of Year 10.

In Class: Students will be assessed via end of lessons quizzes and feedback obtained via Q&A in lesson. Students will also undertake regular exam questions and the end of each subtopic and a sit an exam paper assessment at the end of each learning objective that helps staff measure progress. There is an opportunity to re-sit these assessments.

Super-Curricular Opportunities – Support and Extending Learning

Useful study resources	If a student is really passionate about this subject...	As a parent/carer, I can assist my child in this subject by:
https://www.ocr.org.uk/qualifications/cambridge-nationals/information-technologies-level-1-2-j808/ **https://www.amazon.co.uk/Cambridge-National-Certificate-Information-Technologies/dp/1510423273**	Follow and subscribe to various YouTube channels for both Computer Science and IT Watch Click on BBC iPlayer Vist the National Museum of Computing	Helping students to revise key terminology by using the textbook. Support students in accessing IT equipment where possible.