



## PLUME ACADEMY - LEARNING OVERVIEW

Year	11
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 would have studied a range 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 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	Practice Coursework - Execution
	Half Term 2	Practice Coursework - Evaluation
Term 2	Half Term 3	Controlled Assessment Coursework
	Half Term 4	Controlled Assessment Coursework
Term 3	Half Term 5	Controlled Assessment Coursework
	Half Term 6	Study Leave



### Curriculum Impact – How will progress be assessed as I learn?

Throughout the practice coursework topic students will be given feedback on the quality of their work via written feedback sheets, this will enable them to improve and make progress. From half term 4, due to the exam conditions of the coursework, feedback given can only be generic.

In Class: Students will be assessed via end of lesson quizzes and feedback obtained via Q&A in lesson.

Formally, the coursework is marked and moderated in school, with a sample sent to the exam board for external moderation.

### Super-Curricular Opportunities – Support and Extending Learning

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